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COLORADO AGRICULTURAL STATISTICS 2000

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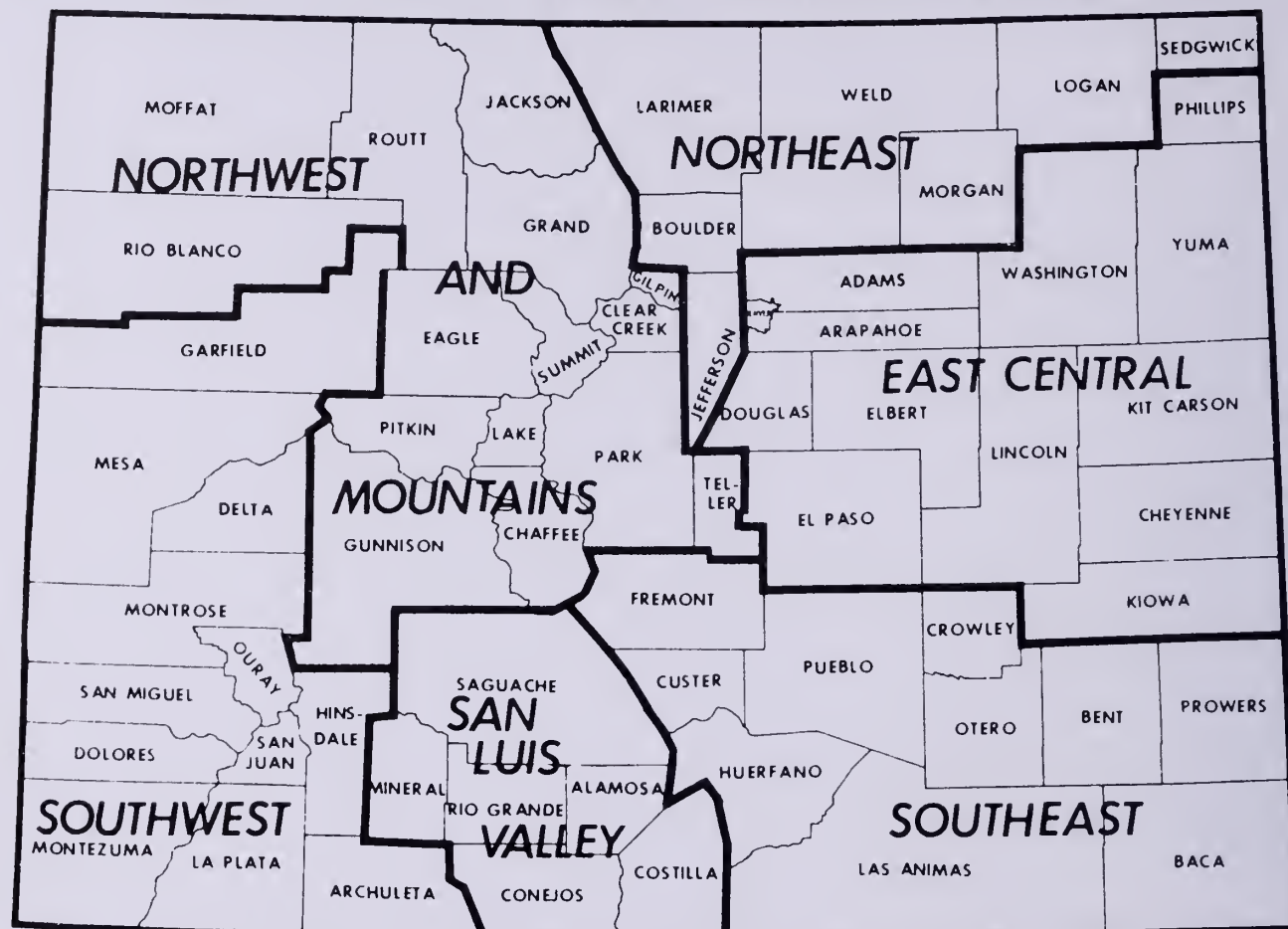


Includes

ANNUAL REPORT

COLORADO DEPARTMENT OF AGRICULTURE FISCAL YEAR 1999-2000

COLORADO AGRICULTURAL STATISTICS DISTRICTS



ASD by Number: Northwest and Mountains = 10; Northeast = 20; East Central = 60; Southwest = 70; San Luis Valley = 80; Southeast = 90

COLORADO

The Centennial State, admitted to the Union in 1876, is the eighth largest state in area and has the highest average elevation. The highest point is at Mount Elbert, 14,433 feet above sea level, one of the 53 "fourteeners" rising above 14,000 feet. The lowest elevation is 3,350 feet in extreme eastern Prowers County.

Approximate Land Area: 66.3 Million Acres *
 Approximate Cropland Area: 10.5 Million Acres *
 Approximate Irrigated Area: 3.4 Million Acres *
 Number of Farms and Ranches (1999): 29,000
 Land in Farms and Ranches (1999): 31.8 Million Acres
 Average Size of Farm and Ranch (1999): 1,097 Acres

Farms by Type *

82% Individual
 10% Partnership
 7% Corporate
 1% Other

Farms By Tenure *

58% Full Owners
 30% Part Owners
 12% Tenants

Farms By Class *

57% Livestock & Poultry
 43% Crops

* 1997 Federal Census of Agriculture

Farm Marketing Receipts (1998):

Livestock & Livestock Products:
 Field, Fruit, & Vegetable Crops:

\$ 4,309.5 Million
 \$ 2,856.7 Million (66.3% of the total)
 \$ 1,452.8 Million (33.7% of the total)

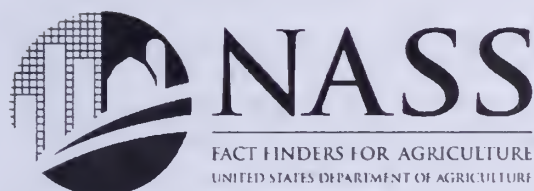
COLORADO AGRICULTURAL STATISTICS

1999 Preliminary - 1998 Revised
1994 - 1997 Historical Estimates

and

Annual Report 1999-2000
Colorado Department of Agriculture

Issued Cooperatively By



National Agricultural Statistics Service

R. RONALD BOSECKER, Administrator



COLORADO
DEPARTMENT
OF
AGRICULTURE

DON AMENT, Commissioner

Prepared and Published by

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ACKNOWLEDGEMENTS

Special appreciation for funding the color cover on this publication and contributing to the "Colorado Beef Story" on pages 2 and 3 is extended to:

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Bill Owens
Governor

Don Ament
Commissioner

Robert G. McLavey
Deputy Commissioner

July, 2000

Dear Friends,

Thank you for your contributions to the 2000 Colorado Agricultural Statistics book. I want the citizens of this state to know who we are and how much open space, food and water for them and for wildlife we provide. People don't realize that nearly half of this state's acres are on our farms and ranches. I want Colorado agriculture's voice to be heard when decisions about our natural resources are made. This book shows how much you give to this state, the nation and the world.

While a few commodity prices have improved, Colorado's farmers and ranchers are still struggling to make a living and remain under pressure from those who don't understand the care and foresight that goes into what we do. All of us want to preserve our natural resources, but farmers and ranchers depend on those resources for their livelihoods. I am working to free you as much as possible from excessive regulation that creates an undue hardship on the very industry that provides the resource stewardship that is so critical to our future quality of life.

With the number of people in farming and ranching decreasing, our voice is harder to hear than ever. I am asking each and every one of you to take the time out of your busy days to speak up on behalf of agriculture to your state representatives and senators, your organizations and your press. Only together will they hear our voice, giving us an opportunity to help shape the future.

The Colorado Department of Agriculture's Annual Report, outlining the department's responsibilities, activities and services is in the back of this book. Some of the agriculture department's hot issues this fiscal year have been: animal diseases, wildlife species protection, Platte River Partnership, environmental quality protection, genetically altered crops, the Food Quality Protection Act and noxious weed management. Please take a minute to read about our challenges and our progress. You are always welcome to call us at 1-800-886-7683 and give us your comments.

Thank you for supporting Colorado's agricultural industry.

Sincerely,

Don Ament
Colorado Commissioner of Agriculture

TABLE OF CONTENTS

Colorado's rank in agriculture	3
Bulletin cover sponsor's narrative:	4
Farms and land in farms; Operations by species	6
FIELD CROPS:	
Principal crops; Historic acreage, production, and value	7
1999 Crop review	17
District and county estimates by crop:	
Winter wheat	22
Spring wheat	34
Corn for grain	46
Corn for silage	58
Barley	64
Oats	76
Sorghum for grain	88
Sunflowers	100
Dry Beans	118
Sugar Beets	131
Potatoes; also disposition and stocks	134
Hay crops	136
Grain and hay stocks	172
Barley and wheat varieties	175
FRUITS, VEGETABLES, AND MISCELLANEOUS:	
Fruit crops - 1999 review	178
Fruit production and value	179
Vegetable crops - 1999 review	180
Vegetable acreage, production, and value	181
Planting and harvesting dates	183
Floriculture	184
Precipitation	186
1999 Colorado weather summary in brief	187
FARM INCOME AND PRICES:	
Farm income and cash receipts	188
Marketing year average prices by commodity	190
Monthly prices received by commodity	191
LIVESTOCK AND POULTRY:	
1999 Livestock review	195
Inventories by class	197
Cattle and calves	198
Sheep and lambs	199
Hogs and pigs	200
Wool production and value	201
Feedlots and fed cattle marketings	201
Production, disposition, and income by species	202
Livestock slaughter by species	203
Cattle on feed	204
Dairy and dairy products	206
Chickens and eggs	208
Bees and honey; Trout	210
Livestock; Number on farms and inventory value	210
ANNUAL REPORT - Colorado Department of Agriculture	211
INDEX	235

Cattle and Beef Overview

As part of the current cattle cycle, U.S. beef production increased nearly 3.7 billion lbs. (17%) from 1990 to the cycle high in 1999. Production set a new record in 1999. Cyclical declines are expected from 2000 to 2003 (Over a 10-year cycle, cattle numbers and beef output generally expands and then decreases, in response to changes in costs, prices and profitability.) On a carcass weight basis, beef production continued to increase reaching 26.4 billion pounds in 1999.

The increase in beef output resulted from growth in total cattle numbers, from 95.8 million head in 1990 to a peak of 103.5 million in 1996. Although total cattle numbers have declined since 1996, to an estimated 99.1 million in 1999, the ongoing liquidation of the breeding herd is inflating beef production, maintaining output at historically high levels. Production of all meat and poultry is today at record levels, and average per capita consumption of red meat and poultry was 222.7 pounds, retail weight, in 1999. Average retail beef prices in 1999, at \$2.61 per pound, have made strong increases over last year's \$2.53, the lowest level of the current cycle.

Record total meat supplies and record-high feed costs resulted in sharp financial losses for most cattlemen in 1996, and initiated the first and most aggressive year of herd liquidation during the downsizing phase of the beef cycle. While cow liquidation has slowed from the 1996 peak, cyclical herd liquidation is continuing as producers continue to place a record number of heifers on feed, rather than retaining them for herd replacement purposes. The smaller herd will eventually mean a decrease in beef production and higher prices in 2000-2004. Calf and feeder cattle prices have already improved, and are expected to continue to improve during the next several years.

The feeding industry carried a backlog of market-ready cattle into 1999. This resulted in severe losses as heavyweight cattle added to production levels. Lost bargaining position and record-large pork production also weighed on prices. During 1999, profitability returned to all sectors of the cattle business because of good demand for feeder and fed cattle, and smaller supplies of feeders and calves combined with cheap feed grains. It is expected that market-ready supplies will be much tighter in Fall 2000, and the redirection of heifers away from the feedlot and towards the breeding herd will buoy the market prospects for 2000.

On a boneless weight basis, per capita consumption of beef in 1999 was 65.9 lbs., compared to 51.3 lbs of pork and 53.5 lbs. of chicken. Increased efficiency in production practices is helping keep beef No. 1.

A trend to more open trade and growing demand for quality grain-fed U.S. beef in foreign countries has fostered growth in beef exports, which now account for nearly 9 percent of beef output. Exports of U.S. cattle, beef, and beef products in 1999 totaled \$3.2 billion. The top 1999 markets for U.S. beef were Japan, Mexico, Canada, Korea, Hong Kong and Taiwan.

Source: Statistics throughout based on USDA and National Cattlemen's Beef Association data

Colorado and National Checkoff Programs

In 1965, the Colorado Promotion and Marketing Beef Act formed what is now called the Colorado Beef Council (CBC), for the purpose of promoting beef consumption, educating consumers, and beef research. The mission of the new organization was to maintain and build demand for beef within Colorado, nationally, and internationally through support and extension of national and state market development programs. The very first checkoff collection rate was three cents per head collected by the Colorado Brand Board. The governing board consisted of two cattle ranchers, two feedlot operators, one dairy producer, one meat purveyor, one meat packer, and one livestock market operator. The same board representation continues to this day.

Currently, the Colorado Beef Council operates as a Qualified State Beef Council (QSBC) collecting a mandatory one-dollar per head under the authority of the Cattlemen's Beef Promotion and Research Board (CBB) formed in 1986. The QSBC's in each state may retain up to fifty cents of the money collected in the state for state promotions, but at least fifty cents must be sent to the CBB. The CBB consists of one hundred and ten members; one hundred and three are domestic beef producers and seven represent importers of beef and beef products. The Secretary of Agriculture appoints each board member from nominations submitted by certified nominating organizations.

The Cattlemen's Beef Promotion and Research Board is responsible for approving the annual budget for its national checkoff-funded programs. It contracts with established national, non-profit, industry-governed organizations to implement programs of promotion, research, consumer information, industry information, foreign marketing, and producer communications.

Moving Forward in the New Millennium

In Colorado and nationally, the beef industry is moving forward with an integrated campaign featuring two separate but complimentary messages targeted at American mothers. The first message or driver is one of convenience while the second driver is one of nutrition.

Convenience – Two-income households are a reality of today's lifestyles; consequently, consumers are looking for something quick and easy for dinner. The microwaveable beef entrees now available in the fresh meat case of most large retailers fill this need. The aim is to make these products common items at the American dinner table. This benefits the consumers through fulfilling their needs, but it also serves the needs of the beef industry through adding value to lesser cuts.

Nutrition – As an industry, it is time to tell consumers the good things about beef. It has zinc, iron, protein, niacin and other important B vitamins. By focusing on nutrition with a positive message, the intention is to make beef a smart choice at the dinner table.

The beef industry's goal is to increase the demand for beef through fulfilling the needs of today's busy consumers and positively influencing their nutritional views. The convenience driver and nutritional driver are both critical to this mission.

In Colorado, the Colorado Beef Council proudly supports both drivers through consumer events, and radio and television advertising. The advertising includes sports marketing with the Denver Broncos, Colorado Rockies, and the Colorado Avalanche. The Colorado Beef Council also focuses heavily on result-based marketing. In retail and foodservice programs, the Colorado Beef Council demands results from industry partners for true accountability.

Working with health professionals is also an important focus of the Colorado Beef Council. Through partnerships with the Colorado Dietetic Association and the American Heart Association, the Colorado Beef Council ensures that health professional and consumers receive accurate information.

***Colorado Beef Council**
Our mission is to increase the demand
for beef through marketing, education, research, and information.*

Rank in Agriculture: Colorado's rank among states, 1999

Commodity	Unit	Colorado		Leading State		United States total
		Rank	Production	State	Production	
FIELD CROPS:						
Barley	1,000 bu.	5	9,030	North Dakota	59,520	281,853
Beans, dry edible	1,000 cwt.	4	2,755	North Dakota	8,265	33,230
Corn, grain	1,000 bu.	13	159,040	Iowa	1,758,200	9,437,337
Corn, silage	1,000 tons	12	2,400	Wisconsin	12,045	96,169
Hay, all	1,000 tons	15	4,598	Texas	13,135	159,077
Hay, alfalfa	1,000 tons	11	3,420	California	7,004	83,924
Hay, other	1,000 tons	23	1,178	Texas	12,420	75,153
Oats	1,000 bu.	24	1,300	Wisconsin	18,600	146,218
Potatoes, all	1,000 cwt.	4	28,130	Idaho	133,330	478,109
Potatoes, fall	1,000 cwt.	6	25,762	Idaho	133,330	429,847
Potatoes, summer	1,000 cwt.	3	2,368	Texas	2,960	18,865
Proso Millet	1,000 cwt.	1	8,160	Colorado	8,160	17,910
Rye	1,000 bu.	21	66	North Dakota	1,517	10,993
Sorghum, grain	1,000 bu.	9	8,610	Kansas	258,400	595,166
Sorghum, silage	1,000 tons	5	170	Kansas	1,440	3,716
Sugar beets	1,000 tons	7	1,459	Minnesota	9,447	33,319
Sunflowers, all	1,000 lbs.	4	348,450	North Dakota	1,866,250	4,341,862
Sunflowers, oil varieties	1,000 lbs.	4	232,200	North Dakota	1,403,000	3,497,820
Sunflowers, non-oil varieties	1,000 lbs.	2	116,250	North Dakota	463,250	844,042
Wheat, all 1/	1,000 bu.	8	107,200	Kansas	432,400	2,302,443
Wheat, spring 2/	1,000 bu.	8	4,000	North Dakota	168,000	503,132
Wheat, winter	1,000 bu.	4	103,200	Kansas	432,400	1,699,989
VEGETABLES: 3/						
Cabbage	1,000 cwt.	8	828	New York	4,961	22,069
Cantaloupe	1,000 cwt.	6	342	California	13,545	22,988
Carrots	1,000 cwt.	2	1,850	California	31,320	37,837
Corn, sweet	1,000 cwt.	7	1,072	California	5,735	27,248
Lettuce	1,000 cwt.	3	680	California	56,050	72,799
Onions (storage only)	1,000 cwt.	5	5,365	California	15,225	12,550
Spinach	1,000 cwt.	4	144	California	2,635	3,153
FRUITS:						
Apples	Mil lbs.	31	8.0	Washington	5,100	10,741
Cherries, tart	Mil lbs.	8	0.6	Michigan	185	255
Peaches	Mil lbs.	24	3.0	California	1,814	2,521
Pears	Tons	8	500	Washington	410,000	981,550
LIVESTOCK: 4/						
All cattle & calves	1,000 head	10	3,150	Texas	13,900	98,048
All cows 5/	1,000 head	17	920	Texas	5,780	42,734
All chickens	1,000 head	26	4,479	Ohio	40,438	436,326
All hogs & pigs	1,000 head	14	910	Iowa	15,400	59,407
All layers	1,000 head	22	3,800	Ohio	31,332	329,305
All sheep & lambs	1,000 head	4	440	Texas	1,200	7,026
Beef cows 5/	1,000 head	14	837	Texas	5,430	33,546
Breeding hogs & pigs	1,000 head	9	210	Iowa	1,160	6,244
Breeding sheep & lambs	1,000 head	9	210	Texas	950	5,163
Calf crop, 1999	1,000 head	16	870	Texas	5,150	38,710
Cattle on feed 6/	1,000 head	4	1,200	Texas	2,910	13,983
Egg production, 1999	Million	23	921	Ohio	8,193	82,707
Fed cattle marketings 7/	1,000 head	4	2,610	Texas	6,065	27,780
Lamb crop, 1999	1,000 head	8	210	Texas	700	4,719
Market hogs & pigs	1,000 head	15	700	Iowa	14,240	53,164
Milk cows 5/	1,000 head	29	83	California	1,490	9,188
Milk production, 1999	Mil lbs.	20	1,728	California	30,475	162,711
Market sheep & lambs	1,000 head	3	230	California	420	1,863
Pig crop, 1999	1,000 head	11	2,800	North Carolina	18,818	102,569
Wool production, 1999	1,000 lbs.	4	3,227	Texas	7,956	46,549
MISCELLANEOUS:						
Farms, 1999	Number	30	29,000	Texas	227,000	2,194,070
Land in farms 1999	1,000 acres	11	31,800	Texas	130,500	947,340
Average size of farm 1999	Acres	9	1,097	Wyoming	3,761	432

^{1/} Includes Durum wheat. ^{2/} Excludes Durum wheat. ^{3/} Fresh market except where noted as processing (P).

^{4/} Inventory January 1, 2000 for cattle and sheep; December 1, 1999 for hogs and chickens. ^{5/} Cows and heifers that have calved.

^{6/} As of 1/1/2000. ^{7/} 13 major feeding states.

Farms, land in farms, and average size, Colorado and U. S. , 1990-99

Year	Colorado			United States		
	Farms <u>1/</u>	Land in farms	Average size	Farms <u>1/</u>	Land in farms	Average size
	Number	1,000 Acres	Acres	Number	1,000 Acres	Acres
1990	26,500	33,100	1,249	2,145,820	986,850	460
1991	26,000	32,800	1,262	2,116,760	981,736	464
1992	25,500	32,800	1,286	2,107,840	978,503	464
1993	29,500	32,800	1,112	2,201,590	968,845	440
1994	29,500	32,700	1,108	2,197,690	965,935	440
1995	29,500	32,700	1,108	2,196,400	962,515	438
1996	29,500	32,500	1,101	2,190,500	958,675	437
1997	29,500	32,500	1,101	2,190,510	956,010	436
1998	29,500	32,200	1,092	2,191,360	953,500	435
1999	29,000	31,800	1,097	2,194,070	947,340	432

1/ Places with annual sales of agricultural products of \$1,000 or more.

Livestock Operations: Number by type, Colorado, 1991-99

Year	All cattle operations	Beef cow operations <u>1/</u>	Milk cow operations <u>1/</u>	Cattle feedlots <u>1/ 2/</u>	Sheep operations	Hog operations
	Number					
1991	14,500	10,500	1,400	295	2,000	1,800
1992	14,000	10,500	1,300	295	1,900	1,600
1993	14,000	10,500	1,300	295	1,800	1,600
1994	14,000	10,500	1,100	290	1,600	1,600
1995	14,000	10,000	1,000	290	1,300	1,400
1996	13,700	10,000	900	166	1,600	1,300
1997	14,700	10,200	900	174	1,600	1,200
1998	15,500	11,700	900	168	1,700	1,000
1999	15,000	11,200	900	162	1,500	500

1/ Included in all cattle operations.

2/ Beginning 1996 includes only feedlots with 1,000 head capacity or greater.

Cattle: Percent of operations and inventory by size group, by class, Colorado, 1994-99

Year/Class	Operations having				Inventory on operations having			
	1-49 Head	50-99 Head	100-499 Head	500+ Head	1-49 Head	50-99 Head	100-499 Head	500+ Head
	Percent				Percent			
1994								
All Cattle & Calves	47.9	14.3	30.0	7.8	3.4	4.6	28.0	64.0
Beef Cows	60.0	16.2	21.9	1.9	13.0	14.0	53.0	20.0
1995								
All Cattle & Calves	47.9	14.3	30.0	7.8	3.0	4.0	28.0	65.0
Beef Cows	58.0	14.0	26.0	2.0	11.0	12.0	57.0	20.0
1996								
All Cattle & Calves	48.9	13.1	30.0	8.0	3.2	3.8	29.0	64.0
Beef Cows	57.0	15.0	25.5	2.5	11.0	12.0	54.0	21.0
1997								
All Cattle & Calves	50.3	14.3	28.6	6.8	4.0	4.3	28.0	63.7
Beef Cows	56.8	16.7	24.0	2.5	11.0	13.0	56.0	22.0
1998								
All Cattle & Calves	52.2	16.8	23.9	7.1	4.6	5.6	24.0	65.8
Beef Cows	61.6	16.2	20.1	2.1	14.0	15.0	50.0	21.0
1999								
All Cattle & Calves	54.7	15.3	22.7	7.3	4.0	5.0	22.0	69.0
Beef Cows	63.4	15.2	19.2	2.2	14.0	14.0	48.0	24.0

Field Crops: Acreage, production and value, Colorado, 1983-99

Year	Acreage		Yield per acre		Production	Value per unit	Total value		
	Planted	Harvested	Planted	Harvested					
All Wheat	1,000 Acres		Bushels		1,000 Bushels	Dollars Per Bu	1,000 Dollars		
	1983	3,865	3,063	31.6	39.9	122,103	3.24	395,260	
	1984	3,875	3,270	29.7	35.2	115,020	3.19	366,549	
	1985	3,774	3,522	36.9	39.6	139,302	2.77	386,517	
	1986	3,360	2,955	28.7	32.6	96,430	2.26	217,730	
	1987	3,160	2,555	30.8	38.1	97,380	2.51	244,751	
	1988	2,554	2,352	31.1	33.8	79,540	3.69	293,248	
	1989	2,775	2,270	22.4	27.4	62,100	3.66	227,401	
	1990	2,742	2,590	31.7	33.6	86,950	2.46	214,235	
	1991	2,638	2,336	28.1	31.7	74,000	3.07	227,126	
	1992	2,700	2,397	27.5	30.9	74,119	3.15	232,932	
	1993	2,835	2,583	34.2	37.5	96,990	3.21	310,335	
	1994	2,945	2,592	27.1	30.8	79,734	3.48	276,828	
	1995	2,940	2,738	35.8	38.4	105,260	4.64	488,528	
	1996	2,870	2,268	26.3	33.3	75,500	4.26	320,855	
	1997	3,053	2,750	29.5	32.8	90,100	3.17	285,580	
	1998	2,812	2,610	36.8	39.6	103,470	2.49	257,118	
	1999	2,653	2,450	40.4	43.8	107,200	2.50	267,600	
	Winter Wheat	1,000 Acres		Bushels		1,000 Bushels	Dollars Per Bu	1,000 Dollars	
		1983	3,800	3,000	31.0	39.0	117,000	3.23	377,910
		1984	3,800	3,200	29.0	34.5	110,400	3.18	351,072
		1985	3,700	3,450	36.5	39.0	134,550	2.76	371,358
		1986	3,300	2,900	28.0	32.0	92,800	2.25	208,800
		1987	3,100	2,500	30.0	37.5	93,750	2.51	235,313
		1988	2,500	2,300	30.5	33.0	75,900	3.69	280,071
		1989	2,700	2,200	21.0	26.0	57,200	3.68	210,496
		1990	2,700	2,550	31.0	33.0	84,150	2.47	207,851
		1991	2,600	2,300	27.5	31.0	71,300	3.07	218,891
		1992	2,650	2,350	26.5	30.0	70,500	3.15	222,075
		1993	2,800	2,550	33.5	37.0	94,350	3.21	302,864
		1994	2,900	2,550	26.5	30.0	76,500	3.48	266,220
		1995	2,900	2,700	35.5	38.0	102,600	4.65	477,090
		1996	2,800	2,200	25.0	32.0	70,400	4.27	300,608
		1997	3,000	2,700	29.0	32.0	86,400	3.17	273,888
		1998	2,750	2,550	36.0	39.0	99,450	2.49	247,631
		1999	2,600	2,400	39.5	43.0	103,200	2.50	258,000
Spring Wheat		1,000 Acres		Bushels		1,000 Bushels	Dollars Per Bu	1,000 Dollars	
		1983	65	63	78.5	81.0	5,103	3.40	17,350
		1984	75	70	61.5	66.0	4,620	3.35	15,477
		1985	74	72	64.0	66.0	4,752	3.19	15,159
		1986	60	55	60.5	66.0	3,630	2.46	8,930
		1987	60	55	60.5	66.0	3,630	2.60	9,438
		1988	54	52	67.5	70.0	3,640	3.62	13,177
		1989	75	70	65.5	70.0	4,900	3.45	16,905
		1990	42	40	66.5	70.0	2,800	2.28	6,384
		1991	38	36	71.0	75.0	2,700	3.05	8,235
		1992	50	47	72.5	77.0	3,619	3.00	10,857
		1993	35	33	75.5	80.0	2,640	2.83	7,471
		1994	45	42	72.0	77.0	3,234	3.28	10,608
		1995	40	38	66.5	70.0	2,660	4.30	11,438
		1996	70	68	73.0	75.0	5,100	3.97	20,247
		1997	53	50	70.0	74.0	3,700	3.16	11,692
		1998	62	60	65.0	67.0	4,020	2.36	9,487
		1999	53	50	75.5	80.0	4,000	2.40	9,600

Field Crops: Acreage and production by cropping practice, Colorado, 1983-99

Year	Irrigated				Non-Irrigated			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
All Wheat								
	1,000 Acres		Bushels	1,000 Bu	1,000 Acres		Bushels	1,000 Bu
1983	284.3	243.0	65.0	15,829	3,580.7	2,820.0	37.5	106,274
1984	288.0	271.5	63.5	17,302	3,587.0	2,998.5	32.5	97,718
1985	259.1	245.5	67.5	16,578	3,514.9	3,276.5	37.5	122,724
1986	248.8	229.0	58.0	13,335	3,111.2	2,726.0	30.5	83,095
1987	272.3	242.0	57.5	13,963	2,887.7	2,313.0	36.0	83,417
1988	221.5	205.0	59.5	12,150	2,332.5	2,147.0	31.5	67,390
1989	201.0	188.7	54.0	10,196	2,574.0	2,081.3	25.0	51,904
1990	187.6	181.5	61.0	11,040	2,554.4	2,408.5	31.5	75,910
1991	158.5	147.0	61.5	9,048	2,479.5	2,189.0	29.5	64,952
1992	183.0	172.0	65.0	11,181	2,517.0	2,225.0	28.5	62,938
1993	183.7	173.0	59.5	10,296	2,651.3	2,410.0	36.0	86,694
1994	181.9	169.5	63.5	10,803	2,763.1	2,422.5	28.5	68,931
1995	200.5	189.5	60.5	11,475	2,739.5	2,548.5	37.0	93,785
1996	234.5	213.0	65.5	13,900	2,635.5	2,055.0	30.0	61,600
1997	243.5	232.0	65.5	15,172	2,809.5	2,518.0	30.0	74,928
1998	208.8	198.0	74.0	14,630	2,603.2	2,412.0	37.0	88,840
1999	211.0	199.5	74.0	14,760	2,442.0	2,250.5	41.0	92,440
Winter Wheat								
	1,000 Acres		Bushels	1,000 Bu	1,000 Acres		Bushels	1,000 Bu
1983	230.0	190.0	57.5	10,960	3,570.0	2,810.0	37.5	106,040
1984	235.0	220.0	59.5	13,130	3,565.0	2,980.0	32.5	97,270
1985	206.0	193.0	63.0	12,196	3,494.0	3,257.0	37.5	122,354
1986	204.0	188.0	53.0	9,983	3,096.0	2,712.0	30.5	82,817
1987	228.0	200.0	53.0	10,600	2,872.0	2,300.0	36.0	83,150
1988	175.0	160.0	54.0	8,640	2,325.0	2,140.0	31.5	67,260
1989	140.0	130.0	42.0	5,460	2,560.0	2,070.0	25.0	51,740
1990	155.0	150.0	56.0	8,400	2,545.0	2,400.0	31.5	75,750
1991	130.0	120.0	55.0	6,600	2,470.0	2,180.0	29.5	64,700
1992	145.0	135.0	58.5	7,885	2,505.0	2,215.0	28.5	62,615
1993	155.0	145.0	53.5	7,760	2,645.0	2,405.0	36.0	86,590
1994	145.0	135.0	57.0	7,700	2,755.0	2,415.0	28.5	68,800
1995	170.0	160.0	56.5	9,000	2,730.0	2,540.0	37.0	93,600
1996	180.0	160.0	57.0	9,100	2,620.0	2,040.0	30.0	61,300
1997	200.0	190.0	61.0	11,600	2,800.0	2,510.0	30.0	74,800
1998	170.0	160.0	69.0	11,050	2,580.0	2,390.0	37.0	88,400
1999	170.0	160.0	69.0	11,000	2,430.0	2,240.0	41.0	92,200
Spring Wheat								
	1,000 Acres		Bushels	1,000 Bu	1,000 Acres		Bushels	1,000 Bu
1983	54.3	53.0	92.0	4,869	10.7	10.0	23.5	234
1984	53.0	51.5	81.0	4,172	22.0	18.5	24.0	448
1985	53.1	52.5	83.5	4,382	20.9	19.5	19.0	370
1986	44.8	41.0	82.0	3,352	15.2	14.0	20.0	278
1987	44.3	42.0	80.0	3,363	15.7	13.0	20.5	267
1988	46.5	45.0	78.0	3,510	7.5	7.0	18.5	130
1989	61.0	58.7	80.5	4,736	14.0	11.3	14.5	164
1990	32.6	31.5	84.0	2,640	9.4	8.5	19.0	160
1991	28.5	27.0	90.5	2,448	9.5	9.0	28.0	252
1992	38.0	37.0	89.0	3,296	12.0	10.0	32.5	323
1993	28.7	28.0	90.5	2,536	6.3	5.0	21.0	104
1994	36.9	34.5	90.0	3,103	8.1	7.5	17.5	131
1995	30.5	29.5	84.0	2,475	9.5	8.5	22.0	185
1996	54.5	53.0	90.5	4,800	15.5	15.0	20.0	300
1997	43.5	42.0	85.0	3,572	9.5	8.0	16.0	128
1998	38.8	38.0	94.0	3,580	23.2	22.0	20.0	440
1999	41.0	39.5	95.0	3,760	12.0	10.5	23.0	240

Field Crops: Acreage, production and value, Colorado, 1983-99

Year	Acreage		Yield per acre		Production	Value per unit	Total value	
	Planted	Harvested	Planted	Harvested				
Main Crops: Acreage, Production and Value, Colorado, 1983-99	Barley							
	1,000 Acres		Bushels		1,000 Bushels	Dollars Per Bu	1,000 Dollars	
	1983	232	220	71.0	75.0	16,500	2.97	49,005
	1984	350	325	57.5	62.0	20,150	2.61	52,592
	1985	360	340	60.5	64.0	21,760	2.60	56,576
	1986	390	350	55.5	62.0	21,700	2.15	46,655
	1987	230	220	61.0	64.0	14,080	2.56	36,045
	1988	185	175	63.5	67.0	11,725	3.01	35,292
	1989	190	160	64.0	76.0	12,160	3.28	39,885
	1990	155	150	77.5	80.0	12,000	3.06	36,720
	1991	140	130	74.5	80.0	10,400	3.14	32,656
	1992	130	120	75.0	81.0	9,720	2.57	24,980
	1993	100	90	76.5	85.0	7,650	2.93	22,415
	1994	90	83	83.0	90.0	7,470	2.64	19,721
	1995	110	100	91.0	100.0	10,000	2.95	29,500
	1996	100	92	95.5	104.0	9,568	3.05	29,182
	1997	95	89	101.0	108.0	9,612	2.98	28,644
	1998	90	82	105.0	115.0	9,430	2.84	26,781
	1999	95	86	95.0	105.0	9,030	2.65	23,930
		Oats						
1,000 Acres			Bushels		1,000 Bushels	Dollars Per Bu	1,000 Dollars	
1983		115	42	21.0	57.0	2,394	1.90	4,549
1984		130	50	21.0	55.0	2,750	1.85	5,088
1985		115	55	25.5	53.0	2,915	1.60	4,664
1986		90	40	24.5	55.0	2,200	1.40	3,080
1987		100	50	27.0	54.0	2,700	1.60	4,320
1988		110	60	27.5	50.0	3,000	2.45	7,350
1989		95	55	32.0	55.0	3,025	1.45	4,386
1990		90	45	25.0	50.0	2,250	1.70	3,825
1991		88	30	20.5	60.0	1,800	1.60	2,880
1992		80	26	19.5	60.0	1,560	1.70	2,652
1993		80	23	18.0	62.0	1,426	1.82	2,595
1994		75	24	19.0	60.0	1,440	1.80	2,592
1995		95	33	21.5	62.0	2,046	2.17	4,440
1996		80	35	23.0	52.0	1,820	2.24	4,077
1997		70	25	24.5	68.0	1,700	2.05	3,485
1998		90	25	19.5	70.0	1,750	1.70	2,975
1999		50	20	26.0	65.0	1,300	1.70	2,210
		Dry Beans ^{1/}						
	1,000 Acres		Pounds		1,000 Cwt	Dollars Per Cwt	1,000 Dollars	
	1983	155	150	1,080	1,120	1,680	18.40	30,912
	1984	195	190	1,230	1,260	2,394	16.70	39,980
	1985	210	205	1,330	1,360	2,788	17.20	47,954
	1986	191	185	1,450	1,500	2,775	15.20	42,180
	1987	185	180	1,450	1,490	2,682	14.60	39,157
	1988	160	155	1,600	1,650	2,558	31.20	79,810
	1989	195	185	1,590	1,680	3,108	30.40	94,483
	1990	245	225	1,740	1,900	4,275	15.90	67,973
	1991	190	180	1,750	1,850	3,330	13.70	45,621
	1992	164	159	1,590	1,640	2,608	19.00	49,552
	1993	205	185	1,270	1,410	2,609	27.00	70,443
	1994	205	195	1,530	1,610	3,140	16.60	52,124
	1995	190	165	1,350	1,550	2,558	18.50	47,323
	1996	145	125	1,550	1,800	2,250	22.50	50,625
	1997	135	120	1,690	1,900	2,280	18.70	42,636
	1998	170	155	1,690	1,850	2,868	15.60	44,741
	1999	155	145	1,790	1,900	2,755	15.70	43,254

^{1/} Yield and production, clean basis.

Field Crops: Acreage and production by cropping practice, Colorado, 1983-99

Year	Irrigated				Non-Irrigated			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
Barley								
	1,000 Acres	Bushels	1,000 Bu		1,000 Acres	Bushels	1,000 Bu	
1983	174.0	169.0	87.0	14,665	58.0	51.0	36.0	1,835
1984	201.5	195.0	84.0	16,410	148.5	130.0	29.0	3,740
1985	189.0	184.0	87.5	16,144	171.0	156.0	36.0	5,616
1986	188.0	175.0	88.5	15,485	202.0	175.0	35.5	6,215
1987	135.0	129.0	81.5	10,531	95.0	91.0	39.0	3,549
1988	114.0	111.0	87.2	9,680	71.0	64.0	32.0	2,045
1989	127.0	117.0	92.5	10,827	63.0	43.0	31.0	1,333
1990	128.0	126.0	90.0	11,350	27.0	24.0	27.0	650
1991	117.5	112.0	88.5	9,890	22.5	18.0	28.5	510
1992	108.0	103.0	89.0	9,160	22.0	17.0	33.0	560
1993	86.5	80.0	91.5	7,325	13.5	10.0	32.5	325
1994	78.0	73.0	99.0	7,210	12.0	10.0	26.0	260
1995	94.5	86.5	110.5	9,549	15.5	13.5	33.5	451
1996	80.0	78.0	117.0	9,130	20.0	14.0	31.5	438
1997	81.5	79.0	117.5	9,267	13.5	10.0	34.5	345
1998	77.5	73.0	125.0	9,140	12.5	9.0	32.0	290
1999	82.0	75.0	116.5	8,750	13.0	11.0	25.5	280
Oats								
	1,000 Acres	Bushels	1,000 Bu		1,000 Acres	Bushels	1,000 Bu	
1983	...	29.0	66.5	1,926	...	13.0	36.0	468
1984	...	29.0	65.0	1,887	...	21.0	41.0	863
1985	...	31.0	64.5	2,003	...	24.0	38.0	912
1986	54.0	23.0	68.5	1,572	36.0	17.0	37.0	628
1987	53.0	20.0	65.5	1,310	47.0	30.0	46.5	1,390
1988	52.5	26.0	68.2	1,774	57.5	34.0	36.1	1,226
1989	45.0	33.0	75.0	2,475	50.0	22.0	25.0	550
1990	47.0	27.0	64.5	1,742	43.0	18.0	28.0	508
1991	44.0	17.0	76.5	1,298	44.0	13.0	38.5	502
1992	41.0	16.0	73.0	1,168	39.0	10.0	39.0	392
1993	42.0	14.0	76.5	1,073	38.0	9.0	39.0	353
1994	43.0	15.0	79.5	1,190	32.0	9.0	28.0	250
1995	66.0	20.0	81.5	1,630	29.0	13.0	32.0	416
1996	57.0	22.0	68.5	1,510	23.0	13.0	24.0	310
1997	54.0	15.0	91.5	1,370	16.0	10.0	33.0	330
1998	70.0	16.0	91.0	1,456	20.0	9.0	32.5	294
1999	40.0	12.0	82.5	990	10.0	8.0	39.0	310
Dry Beans 1/								
	1,000 Acres	Pounds	1,000 Cwt		1,000 Acres	Pounds	1,000 Cwt	
1983	79.1	76.0	1,790	1,358	75.9	74.0	440	322
1984	106.0	103.0	1,940	2,002	89.0	87.0	450	392
1985	133.7	131.0	1,930	2,528	76.3	74.0	350	260
1986	129.0	124.0	2,050	2,543	62.0	61.0	380	232
1987	135.0	131.0	1,870	2,450	50.0	49.0	470	232
1988	128.6	124.0	1,950	2,418	31.4	31.0	450	140
1989	156.0	150.0	2,000	3,003	39.0	35.0	300	105
1990	192.5	190.0	2,190	4,155	52.5	35.0	340	120
1991	151.0	148.0	2,150	3,188	39.0	32.0	440	142
1992	124.4	121.0	2,000	2,414	39.6	38.0	510	194
1993	158.3	142.5	1,730	2,471	46.7	42.5	320	138
1994	162.0	155.0	1,930	2,995	43.0	40.0	360	145
1995	152.0	135.0	1,830	2,465	38.0	30.0	310	93
1996	131.0	120.0	1,850	2,218	14.0	5.0	640	32
1997	111.0	100.0	2,120	2,120	24.0	20.0	800	160
1998	136.0	123.5	2,210	2,730	34.0	31.5	440	138
1999	122.5	116.0	2,210	2,560	32.5	29.0	670	195

1/ Yield and production, clean basis.

Field Crops: Acreage, production and value, Colorado, 1974-99

Year	Acreage		Yield per acre		Production	Value per unit	Total value
	Planted	Harvested	Planted	Harvested			
	Corn for Grain 1/						
	1,000 Acres		Bushels		1,000 Bushels	Dollars Per Bu	1,000 Dollars
1974	795	540	2/	98.0	52,920	3.02	159,818
1975	810	560	2/	92.0	51,520	2.62	134,982
1976	895	630	2/	102.0	64,260	2.13	136,874
1977	970	695	2/	116.0	80,620	1.94	156,403
1978	1,015	730	2/	110.0	80,300	2.26	181,478
1979	1,015	760	2/	127.0	96,520	2.53	244,196
1980	970	760	2/	118.0	89,680	3.05	273,524
1981	960	770	2/	135.0	103,950	2.50	259,875
1982	980	790	2/	129.0	101,910	2.75	280,253
1983	780	610	2/	122.0	74,420	3.17	235,911
1984	840	680	2/	134.0	91,120	2.66	242,379
1985	875	745	2/	139.0	103,555	2.37	245,425
1986	820	710	2/	145.0	102,950	1.60	164,720
1987	800	690	2/	155.0	106,950	1.95	208,553
1988	910	800	2/	160.0	128,000	2.54	325,120
1989	1,050	930	2/	145.0	134,850	2.32	312,852
1990	950	830	2/	155.0	128,650	2.36	303,614
1991	995	870	2/	153.0	133,110	2.43	323,457
1992	990	880	2/	148.0	130,240	2.23	290,435
1993	1,005	890	2/	120.0	106,800	2.65	283,020
1994	950	840	2/	150.0	126,000	2.38	299,880
1995	950	830	2/	111.0	92,130	3.33	306,793
1996	1,000	890	2/	142.0	126,380	2.76	348,809
1997	1,090	980	2/	146.0	143,080	2.59	370,577
1998	1,180	1,070	2/	145.0	155,150	1.96	304,094
1999	1,230	1,120	2/	142.0	159,040	1.95	310,128
	Sorghum for Grain 3/						
	1,000 Acres		Bushels		1,000 Bushels	Dollars Per Bu	1,000 Dollars
1974	470	265	2/	29.0	7,685	2.82	21,672
1975	510	290	2/	26.0	7,540	2.34	17,644
1976	505	259	2/	28.0	7,252	1.76	12,764
1977	475	285	2/	31.0	8,835	1.82	16,080
1978	500	340	2/	31.0	10,540	1.76	18,550
1979	490	340	2/	38.0	12,920	2.14	27,649
1980	490	350	2/	35.0	12,250	3.00	36,750
1981	455	365	2/	33.0	12,045	2.23	26,860
1982	385	310	2/	33.0	10,230	2.58	26,393
1983	295	240	2/	29.0	6,960	2.79	19,418
1984	500	430	2/	37.0	15,910	2.36	37,548
1985	370	320	2/	35.0	11,200	2.03	22,736
1986	380	300	2/	39.0	11,700	1.42	16,614
1987	400	210	2/	43.0	9,030	1.84	16,615
1988	270	180	2/	46.0	8,280	2.25	18,630
1989	400	325	2/	35.0	11,375	2.20	25,025
1990	270	220	2/	47.0	10,340	2.09	21,611
1991	320	270	2/	40.0	10,800	2.25	24,300
1992	230	180	2/	37.0	6,660	1.92	12,787
1993	210	170	2/	42.0	7,140	2.50	17,850
1994	200	170	2/	42.0	7,140	2.14	15,280
1995	200	165	2/	28.0	4,620	3.14	14,507
1996	290	260	2/	51.0	13,260	2.27	30,100
1997	190	150	2/	40.0	6,000	2.19	13,140
1998	200	185	2/	57.0	10,545	1.65	17,399
1999	230	205	2/	42.0	8,610	1.40	12,054

^{1/} "Planted acres" for corn pertains to acreage planted for all purposes.

^{2/} Not available.

^{3/} "Planted acres" for sorghum pertains to acreage planted for all purposes.

Field Crops: Acreage and production by cropping practice, Colorado, 1983-99

Year	Irrigated				Non-Irrigated			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
Corn for Grain 1/								
	1,000 Acres	Bushels	1,000 Bu		1,000 Acres	Bushels	1,000 Bu	
1974	...	512.0	102.5	52,388	...	28.0	19.0	532
1975	...	533.0	96.0	51,088	...	27.0	16.0	432
1976	...	605.0	105.5	63,810	...	25.0	18.0	450
1977	...	675.0	118.5	80,020	...	20.0	30.0	600
1978	...	705.0	113.5	79,850	...	25.0	18.0	450
1979	...	740.0	129.0	95,640	...	20.0	44.0	880
1980	941.0	735.0	121.0	88,935	29.0	25.0	30.0	745
1981	934.0	747.0	138.0	103,099	26.0	23.0	37.0	851
1982	958.0	770.0	131.0	100,950	22.0	20.0	48.0	960
1983	758.0	590.0	125.0	73,650	22.0	20.0	38.5	770
1984	819.5	660.0	137.0	90,420	20.5	20.0	35.0	700
1985	850.8	721.0	142.5	102,691	24.2	24.0	36.0	864
1986	789.0	682.0	149.0	101,774	31.0	28.0	42.0	1,176
1987	777.0	670.0	158.0	105,950	23.0	20.0	50.0	1,000
1988	888.0	778.0	162.9	126,793	22.0	22.0	54.9	1,207
1989	1,020.0	902.0	148.0	133,310	30.0	28.0	55.0	1,540
1990	923.5	804.0	158.0	127,150	26.5	26.0	57.5	1,500
1991	944.0	820.0	159.0	130,390	51.0	50.0	54.5	2,720
1992	909.0	800.0	156.5	125,000	81.0	80.0	65.5	5,240
1993	911.5	800.0	128.0	102,220	93.5	90.0	51.0	4,580
1994	855.0	750.0	163.0	122,200	95.0	90.0	42.0	3,800
1995	843.0	730.0	121.5	88,680	107.0	100.0	34.5	3,450
1996	885.0	780.0	153.0	119,200	115.0	110.0	65.5	7,180
1997	936.0	830.0	161.0	133,700	154.0	150.0	62.5	9,380
1998	939.0	830.0	167.5	139,000	241.0	240.0	67.5	16,150
1999	937.0	830.0	167.5	139,200	293.0	290.0	68.5	198,400
Sorghum for Grain 2/								
	1,000 Acres	Bushels	1,000 Bu		1,000 Acres	Bushels	1,000 Bu	
1974	...	84.0	54.0	4,536	...	181.0	17.4	3,149
1975	...	93.0	50.0	4,646	...	197.0	14.7	2,894
1976	...	80.0	53.0	4,240	...	179.0	16.8	3,012
1977	...	78.0	50.0	3,917	...	207.0	24.0	4,918
1978	...	95.0	58.5	5,577	...	245.0	20.5	4,963
1979	...	95.0	65.5	6,242	...	245.0	27.5	6,678
1980	...	115.0	59.0	6,775	...	235.0	23.5	5,475
1981	...	96.0	55.0	5,280	...	269.0	25.0	6,765
1982	...	83.0	66.5	5,500	...	227.0	21.0	4,730
1983	...	62.0	56.0	3,472	...	178.0	19.5	3,488
1984	...	90.0	75.5	6,817	...	340.0	26.5	9,093
1985	...	66.0	72.0	4,752	...	254.0	25.5	6,448
1986	78.0	65.0	85.0	5,534	302.0	235.0	26.0	6,166
1987	60.0	50.0	82.5	4,125	340.0	160.0	30.5	4,905
1988	70.0	55.0	77.0	4,235	200.0	125.0	32.5	4,045
1989	85.0	75.0	60.0	4,500	315.0	250.0	27.5	6,875
1990	81.5	64.0	76.0	4,850	188.5	156.0	35.0	5,490
1991	82.0	65.0	60.0	3,900	238.0	205.0	33.5	6,900
1992	64.0	45.0	50.5	2,272	166.0	135.0	32.5	4,388
1993	59.0	43.0	64.5	2,780	151.0	127.0	34.5	4,360
1994	47.0	35.0	74.0	2,582	153.0	135.0	34.0	4,558
1995	44.0	32.0	53.5	1,704	156.0	133.0	22.0	2,916
1996	35.0	30.0	79.5	2,387	255.0	230.0	47.5	10,873
1997	43.0	30.0	60.5	1,820	147.0	120.0	35.0	4,180
1998	34.0	26.5	75.5	2,000	166.0	158.5	54.0	8,545
1999	30.0	21.0	68.0	1,428	200.0	184.0	39.0	7,182

1/ "Planted acres" for corn pertains to acreage planted for all purposes.

2/ "Planted acres" for sorghum pertains to acreage planted for all purposes.

Field Crops: Acreage, production and value , Colorado, 1983-99

Year	Acreage		Yield per acre		Production	Value per ton	Total value
	Planted	Harvested	Planted	Harvested			
	All Hay						
	1,000 Acres		Tons		1,000 Tons	Dollars	1,000 Dollars
1983	1/	1,470	1/	2.28	3,357	68.50	229,955
1984	1/	1,430	1/	2.32	3,311	72.00	238,392
1985	1/	1,445	1/	2.52	3,644	57.50	209,530
1986	1/	1,410	1/	2.58	3,642	58.00	211,236
1987	1/	1,500	1/	2.70	4,044	62.00	250,728
1988	1/	1,650	1/	2.40	3,957	82.00	324,474
1989	1/	1,500	1/	2.30	3,450	91.50	315,450
1990	1/	1,550	1/	2.45	3,805	80.50	303,953
1991	1/	1,500	1/	2.71	4,062	70.50	287,076
1992	1/	1,480	1/	2.83	4,189	64.50	267,741
1993	1/	1,400	1/	3.00	4,193	77.00	319,491
1994	1/	1,330	1/	3.05	4,060	91.00	368,284
1995	1/	1,400	1/	2.89	4,050	87.50	354,960
1996	1/	1,510	1/	2.77	4,180	96.00	402,120
1997	1/	1,590	1/	2.98	4,739	101.00	485,954
1998	1/	1,410	1/	3.26	4,602	92.00	430,782
1999	1/	1,520	1/	3.03	4,598	69.50	321,043
	Alfalfa Hay						
	1,000 Acres		Tons		1,000 Tons	Dollars	1,000 Dollars
1983	1/	720	1/	3.10	2,232	70.50	157,392
1984	1/	770	1/	3.10	2,387	74.00	176,484
1985	1/	820	1/	3.30	2,706	58.00	157,000
1986	1/	770	1/	3.40	2,618	58.80	153,892
1987	1/	830	1/	3.50	2,905	62.40	181,249
1988	1/	780	1/	3.40	2,652	85.70	227,252
1989	1/	750	1/	3.20	2,400	92.60	222,225
1990	1/	740	1/	3.50	2,590	81.00	209,790
1991	1/	720	1/	3.80	2,736	71.00	194,256
1992	1/	780	1/	3.80	2,964	64.50	191,178
1993	1/	850	1/	3.80	3,230	77.00	248,710
1994	1/	840	1/	3.90	3,276	91.00	298,116
1995	1/	850	1/	3.60	3,060	88.50	270,810
1996	1/	860	1/	3.50	3,010	99.00	297,990
1997	1/	840	1/	3.90	3,276	101.00	330,876
1998	1/	810	1/	4.20	3,402	91.00	309,582
1999	1/	900	1/	3.80	3,420	72.00	246,240
	Other Hay 2/						
	1,000 Acres		Tons		1,000 Tons	Dollars	1,000 Dollars
1983	1/	750	1/	1.50	1,125	64.50	72,563
1984	1/	660	1/	1.40	924	67.00	61,908
1985	1/	625	1/	1.50	938	56.00	52,530
1986	1/	640	1/	1.60	1,024	56.00	57,344
1987	1/	670	1/	1.70	1,139	61.00	69,479
1988	1/	870	1/	1.50	1,305	74.50	97,222
1989	1/	750	1/	1.40	1,050	89.00	93,450
1990	1/	810	1/	1.50	1,215	77.50	94,163
1991	1/	780	1/	1.70	1,326	70.00	92,820
1992	1/	700	1/	1.75	1,225	62.50	76,563
1993	1/	550	1/	1.75	963	73.50	70,781
1994	1/	490	1/	1.60	784	89.50	70,168
1995	1/	550	1/	1.80	990	85.00	84,150
1996	1/	650	1/	1.80	1,170	89.00	104,130
1997	1/	750	1/	1.95	1,463	106.00	155,078
1998	1/	600	1/	2.00	1,200	101.00	121,200
1999	1/	620	1/	1.90	1,178	63.50	74,803

1/ Not estimated.

2/ Includes wild, millet, sudan, clover & timothy, grain, and other miscellaneous tame hays.

Field Crops: Acreage and production by cropping practice, Colorado, 1983-99

Year	Irrigated				Non-Irrigated			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
All Hay								
	1,000 Acres		Tons	1,000 Tons	1,000 Acres		Tons	1,000 Tons
1983	1/	1,100	2.65	2,900	1/	370	1.25	457
1984	1/	1,097	2.65	2,917	1/	333	1.20	394
1985	1/	1,136	2.85	3,255	1/	309	1.25	389
1986	1/	1,084	3.00	3,229	1/	326	1.25	413
1987	1/	1,175	3.10	3,637	1/	325	1.25	407
1988	1/	1,286	2.75	3,526	1/	364	1.20	431
1989	1/	1,155	2.65	3,060	1/	345	1.15	390
1990	1/	1,200	2.80	3,365	1/	350	1.25	440
1991	1/	1,170	3.05	3,557	1/	330	1.55	505
1992	1/	1,189	3.15	3,737	1/	291	1.55	452
1993	1/	1,160	3.30	3,829	1/	240	1.50	364
1994	1/	1,121	3.35	3,777	1/	209	1.35	283
1995	1/	1,174	3.20	3,735	1/	226	1.40	315
1996	1/	1,250	3.05	3,823	1/	260	1.35	357
1997	1/	1,285	3.30	4,236	1/	305	1.65	503
1998	1/	1,150	3.65	4,180	1/	260	1.60	422
1999	1/	1,250	3.35	4,180	1/	270	1.55	418
Alfalfa Hay								
	1,000 Acres		Tons	1,000 Tons	1,000 Acres		Tons	1,000 Tons
1983	1/	630	3.35	2,110	1/	90	1.35	122
1984	1/	665	3.40	2,257	1/	105	1.25	130
1985	1/	707	3.60	2,558	1/	113	1.30	148
1986	1/	660	3.75	2,475	1/	110	1.30	143
1987	1/	700	3.90	2,740	1/	130	1.25	165
1988	1/	670	3.75	2,526	1/	110	1.15	126
1989	1/	650	3.50	2,290	1/	100	1.10	110
1990	1/	650	3.80	2,485	1/	90	1.15	105
1991	1/	635	4.10	2,601	1/	85	1.60	135
1992	1/	694	4.05	2,817	1/	86	1.70	147
1993	1/	765	4.05	3,094	1/	85	1.60	136
1994	1/	756	4.15	3,153	1/	84	1.45	123
1995	1/	774	3.80	2,940	1/	76	1.60	120
1996	1/	790	3.70	2,923	1/	70	1.25	87
1997	1/	755	4.15	3,140	1/	85	1.60	136
1998	1/	730	4.50	3,280	1/	80	1.55	122
1999	1/	800	4.10	3,280	1/	100	1.40	140
Other Hay 2/								
	1,000 Acres		Tons	1,000 Tons	1,000 Acres		Tons	1,000 Tons
1983	1/	470	1.70	790	1/	280	1.20	335
1984	1/	432	1.55	660	1/	228	1.15	264
1985	1/	429	1.60	697	1/	196	1.25	241
1986	1/	424	1.80	754	1/	216	1.25	270
1987	1/	475	1.85	897	1/	195	1.25	242
1988	1/	616	1.60	1,000	1/	254	1.20	305
1989	1/	505	1.50	770	1/	245	1.15	280
1990	1/	550	1.60	880	1/	260	1.30	335
1991	1/	535	1.80	956	1/	245	1.50	370
1992	1/	495	1.85	920	1/	205	1.50	305
1993	1/	395	1.85	735	1/	155	1.45	228
1994	1/	365	1.70	624	1/	125	1.30	160
1995	1/	400	2.00	795	1/	150	1.30	195
1996	1/	460	1.95	900	1/	190	1.40	270
1997	1/	530	2.05	1,096	1/	220	1.65	367
1998	1/	420	2.15	900	1/	180	1.65	300
1999	1/	450	2.00	900	1/	170	1.65	278

1/ Not estimated.

2/ Includes wild, millet, sudan, clover & timothy, grain and other miscellaneous tame hays.

Field Crops: Acreage, production and value, Colorado, 1983-99

Year	Acreage		Yield per acre		Production	Value per unit	Total value		
	Planted	Harvested	Planted	Harvested					
Field Crops: Acreage, Production and Value, Colorado, 1983-99	Corn for Silage <u>1/</u>								
	1,000 Acres		Tons		1,000 Tons	Dollars Per Ton	1,000 Dollars		
	1983	780	160	<u>2/</u>	21.0	3,360	21.60	72,576	
	1984	840	157	<u>2/</u>	22.0	3,454	21.70	74,952	
	1985	875	128	<u>2/</u>	23.0	2,944	20.00	58,880	
	1986	820	95	<u>2/</u>	22.0	2,090	16.40	34,276	
	1987	800	105	<u>2/</u>	22.0	2,310	15.30	35,343	
	1988	910	105	<u>2/</u>	23.0	2,415	22.20	53,613	
	1989	1,050	115	<u>2/</u>	22.0	2,530	21.30	53,889	
	1990	950	117	<u>2/</u>	22.5	2,633	21.60	56,873	
	1991	995	120	<u>2/</u>	22.0	2,640	20.00	52,800	
	1992	990	100	<u>2/</u>	22.5	2,250	19.10	42,975	
	1993	1,005	100	<u>2/</u>	21.0	2,100	19.90	41,790	
	1994	950	97	<u>2/</u>	21.0	2,037	22.00	44,814	
	1995	950	105	<u>2/</u>	20.0	2,100	22.00	46,200	
	1996	1,000	90	<u>2/</u>	21.5	1,935	24.00	46,440	
	1997	1,090	100	<u>2/</u>	22.5	2,250	24.00	54,000	
	1998	1,180	100	<u>2/</u>	24.0	2,400	22.00	52,800	
	1999	1,230	100	<u>2/</u>	24.0	2,400	20.00	48,000	
		Sorghum for Silage <u>3/</u>							
		1,000 Acres		Tons		1,000 Tons	Dollars Per Ton	1,000 Dollars	
		1983	295	20	<u>2/</u>	13.0	260	21.80	5,668
		1984	500	22	<u>2/</u>	11.0	242	19.30	4,671
		1985	370	18	<u>2/</u>	16.0	288	13.70	3,946
		1986	380	19	<u>2/</u>	13.0	247	12.20	3,013
		1987	400	18	<u>2/</u>	15.0	270	12.60	3,402
		1988	270	22	<u>2/</u>	13.0	286	17.00	4,862
		1989	400	25	<u>2/</u>	14.0	350	18.00	6,300
		1990	270	20	<u>2/</u>	13.0	260	19.50	5,070
		1991	320	22	<u>2/</u>	15.0	330	17.70	5,841
		1992	230	20	<u>2/</u>	18.0	360	18.00	6,480
		1993	210	22	<u>2/</u>	16.0	352	20.00	7,040
		1994	200	18	<u>2/</u>	15.0	270	20.00	5,400
		1995	200	13	<u>2/</u>	13.0	169	20.00	3,380
		1996	290	12	<u>2/</u>	13.0	156	19.00	2,964
		1997	190	18	<u>2/</u>	13.0	234	21.50	5,031
		1998	200	11	<u>2/</u>	13.0	143	21.00	3,003
1999		230	10	<u>2/</u>	17.0	170	19.50	3,315	
		Sugar Beets							
		1,000 Acres		Tons		1,000 Tons	Dollars Per Ton	1,000 Dollars	
		1983	42.0	37.2	14.4	16.2	603	33.40	20,140
		1984	48.3	44.2	20.0	21.8	964	22.40	21,594
		1985	2.9	2.5	15.9	18.4	46	27.40	1,260
		1986	37.8	37.2	23.5	23.9	889	32.90	29,248
		1987	37.4	37.0	21.5	21.7	803	35.40	28,426
		1988	39.1	38.6	22.5	22.8	880	42.10	37,048
		1989	40.6	40.0	22.5	22.8	912	43.70	39,854
		1990	40.8	40.0	23.1	23.6	944	39.80	37,571
		1991	40.7	40.2	23.7	24.0	965	39.80	38,407
		1992	40.2	39.9	23.7	23.9	954	39.50	37,683
		1993	40.3	40.0	23.0	23.1	924	38.40	35,482
		1994	44.3	43.2	21.4	21.9	946	35.70	33,772
		1995	42.8	41.1	16.7	17.4	715	35.40	25,311
		1996	54.8	51.1	18.8	20.2	1,032	41.20	42,518
		1997	67.9	66.4	19.3	19.7	1,308	34.10	44,603
		1998	62.5	57.3	20.8	22.7	1,301	35.40	46,055
	1999	72.1	68.5	20.2	21.3	1,459	4/	4/	

1/ "Planted acres" for corn pertains to acreage planted for all purposes. 2/ Not available.

3/ "Planted acres" for sorghum pertains to acreage planted for all purposes. 4/ Available February 2001.

Field Crops: Acreage, production and value, Colorado, 1983-99

Year	Acreage		Yield per acre		Production	Value per unit	Total value		
	Planted	Harvested	Planted	Harvested					
All Potatoes									
	1,000 Acres		Cwt		1,000 Cwt	Dollars Per Cwt	1,000 Dollars		
	1983	54.0	53.3	293	297	15,820	6.25	99,098	
	1984	60.8	60.1	316	320	19,213	4.75	90,931	
	1985	64.1	63.4	314	318	20,140	2.50	49,533	
	1986	63.9	63.9	327	327	20,880	4.40	91,422	
	1987	67.5	66.3	316	322	21,359	2.10	44,164	
	1988	66.2	65.6	316	319	20,901	7.15	149,993	
	1989	68.8	68.2	331	334	22,747	8.10	184,899	
	1990	72.8	72.2	342	345	24,874	4.65	115,681	
	1991	78.0	74.9	331	345	25,836	2.25	57,576	
	1992	73.4	72.7	329	332	24,120	4.20	100,702	
	1993	80.8	80.4	344	346	27,812	6.05	169,011	
	1994	83.5	83.0	346	348	28,864	3.75	107,377	
	1995	86.3	85.9	308	309	26,584	6.25	166,705	
	1996	88.0	87.6	370	372	32,556	1.90	60,542	
	1997	84.8	84.5	325	326	27,577	4.60	126,164	
	1998	83.5	83.2	335	336	27,985	4.70	130,700	
	1999	84.8	84.3	332	334	28,130	4.65	131,188	
	Fall Potatoes								
		1,000 Acres		Cwt		1,000 Cwt	Dollars Per Cwt	1,000 Dollars	
		1983	47.0	46.5	297	300	13,950	6.40	89,280
		1984	53.5	53.0	322	325	17,225	4.65	80,096
		1985	56.5	56.0	317	320	17,920	2.25	40,320
		1986	57.0	57.0	330	330	18,810	4.20	79,002
		1987	61.0	60.0	320	325	19,500	1.75	34,125
		1988	60.0	59.5	317	320	19,040	7.35	139,944
		1989	62.0	61.5	332	335	20,603	8.35	172,035
		1990	65.5	65.0	347	350	22,750	4.45	101,238
		1991	71.0	68.0	335	350	23,800	2.00	47,600
		1992	66.5	66.0	332	335	22,110	4.05	89,546
		1993	72.5	72.2	349	350	25,270	6.15	155,411
		1994	74.0	73.7	349	350	25,795	3.55	91,572
		1995	77.0	76.8	309	310	23,808	6.25	148,800
		1996	78.0	77.8	374	375	29,175	1.60	46,680
		1997	77.0	76.9	325	325	24,993	4.50	112,469
1998		75.8	75.7	335	335	25,360	4.60	116,656	
1999		77.2	76.9	334	335	25,762	4.55	117,217	
Summer Potatoes									
		1,000 Acres		Cwt		1,000 Cwt	Dollars Per Cwt	1,000 Dollars	
		1983	7.0	6.8	267	275	1,870	5.25	9,818
		1984	7.3	7.1	272	280	1,988	5.45	10,835
		1985	7.6	7.4	292	300	2,220	4.15	9,213
		1986	6.9	6.9	300	300	2,070	6.00	12,420
		1987	6.5	6.3	286	295	1,859	5.40	10,039
		1988	6.2	6.1	300	305	1,861	5.40	10,049
		1989	6.8	6.7	315	320	2,144	6.00	12,864
		1990	7.3	7.2	291	295	2,124	6.80	14,443
		1991	7.0	6.9	291	295	2,036	4.90	9,976
		1992	6.9	6.7	291	300	2,010	5.55	11,156
		1993	8.3	8.2	306	310	2,542	5.35	13,600
		1994	9.5	9.3	323	330	3,069	5.15	15,805
		1995	9.3	9.1	298	305	2,776	6.45	17,905
		1996	10.0	9.8	338	345	3,381	4.10	13,862
		1997	7.8	7.6	331	340	2,584	5.30	13,695
	1998	7.7	7.5	336	350	2,625	5.35	14,044	
	1999	7.6	7.4	312	320	2,368	5.90	13,971	

Field Crops: Acreage, production and value, Colorado, 1983-99 ^{1/}

Year	Acreage		Yield per acre		Production	Value per cwt	Total value		
	Planted	Harvested	Planted	Harvested					
Sunflowers, All									
	1,000 Acres		Pounds		Pounds	Dollars	1,000 Dollars		
	1983	---	---	---	---	---	---		
	1984	---	---	---	---	---	---		
	1985	---	---	---	---	---	---		
	1986	---	---	---	---	---	---		
	1987	---	---	---	---	---	---		
	1988	---	---	---	---	---	---		
	1989	---	---	---	---	---	---		
	1990	---	---	---	---	---	---		
	1991	63	60	---	971	58,250,000	9.60	5,585	
	1992	70	67	---	1,367	91,600,000	10.20	9,384	
	1993	85	77	---	1,156	89,000,000	13.20	11,717	
	1994	100	95	---	1,014	96,300,000	11.30	10,860	
	1995	115	110	---	938	103,160,000	12.70	13,173	
	1996	110	107	---	1,185	126,800,000	13.30	16,844	
	1997	85	80	---	1,076	86,100,000	12.30	10,395	
	1998	160	150	---	1,328	199,250,000	11.50	22,903	
	1999	270	265	---	1,315	348,450,000	8.80	30,552	
	Sunflowers, Oil								
		1,000 Acres		Pounds		Dollars	Dollars	1,000 Dollars	
		1983	---	---	---	---	---	---	
		1984	---	---	---	---	---	---	
		1985	---	---	---	---	---	---	
		1986	---	---	---	---	---	---	
		1987	---	---	---	---	---	---	
		1988	---	---	---	---	---	---	
		1989	---	---	---	---	---	---	
		1990	---	---	---	---	---	---	
		1991	37	35	---	950	33,250,000	8.00	2,660
		1992	46	44	---	1,350	59,400,000	8.75	5,198
		1993	60	54	---	1,120	60,480,000	12.30	7,439
		1994	72	69	---	1,000	69,000,000	10.20	7,038
		1995	65	62	---	820	50,840,000	11.40	5,796
		1996	45	44	---	1,450	63,800,000	10.80	6,890
		1997	50	47	---	1,200	56,400,000	10.90	6,148
		1998	115	107	---	1,400	149,800,000	10.70	16,029
1999		175	172	---	1,350	232,200,000	7.40	17,183	
Sunflowers, Non-Oil									
		1,000 Acres		Pounds		Dollars	Dollars	1,000 Dollars	
		1983	---	---	---	---	---	---	
		1984	---	---	---	---	---	---	
		1985	---	---	---	---	---	---	
		1986	---	---	---	---	---	---	
		1987	---	---	---	---	---	---	
		1988	---	---	---	---	---	---	
		1989	---	---	---	---	---	---	
		1990	---	---	---	---	---	---	
		1991	26	25	---	1,000	25,000,000	11.70	2,925
		1992	24	23	---	1,400	32,200,000	13.00	4,186
		1993	25	23	---	1,240	28,520,000	15.00	4,278
		1994	28	26	---	1,050	27,300,000	14.00	3,822
		1995	50	48	---	1,090	52,320,000	14.10	7,377
		1996	65	63	---	1,000	63,000,000	15.80	9,954
		1997	35	33	---	900	29,700,000	14.30	4,247
		1998	45	43	---	1,150	49,450,000	13.90	6,874
	1999	95	93	---	1,250	116,250,000	11.50	13,369	

^{1/} Estimates began 1991.

Field Crops: Acreage, production and value, Colorado, 1974-99

Year	Acreage		Yield per acre		Production	Value per unit	Total value
	Planted	Harvested	Planted	Harvested			
	Millet						
	1,000 Acres		Bushels		1,000 Bushels	Dollars Per Bu	1,000 Dollars
1974	70	35	4.5	8.5	298	6.05	1,803
1975	125	80	7.0	11.0	880	4.40	3,872
1976	110	55	4.5	9.0	495	6.40	3,168
1977	130	100	8.5	11.0	1,100	3.30	3,630
1978	160	85	7.0	13.0	1,105	4.25	4,696
1979	200	125	8.0	13.0	1,625	4.35	7,069
1980	90	40	5.0	11.0	440	8.00	3,520
1981	1/	1/	1/	1/	1/	1/	1/
1982	1/	1/	1/	1/	1/	1/	1/
1983	1/	1/	1/	1/	1/	1/	1/
1984	1/	1/	1/	1/	1/	1/	1/
1985	1/	1/	1/	1/	1/	1/	1/
1986	1/	1/	1/	1/	1/	1/	1/
1987	1/	1/	1/	1/	1/	1/	1/
1988	1/	1/	1/	1/	1/	1/	1/
1989	1/	1/	1/	1/	1/	1/	1/
1990	1/	1/	1/	1/	1/	1/	1/
1991	1/	1/	1/	1/	1/	1/	1/
1992	1/	1/	1/	1/	1/	1/	1/
1993	1/	1/	1/	1/	1/	1/	1/
1994	1/	1/	1/	1/	1/	1/	1/
1995	1/	1/	1/	1/	1/	1/	1/
1996	1/	1/	1/	1/	1/	1/	1/
1997	1/	1/	1/	1/	1/	1/	1/
1998	1/	1/	1/	1/	1/	1/	1/
1999	250	240	32.5	34.0	8,160	2/	2/
	Rye						
	1,000 Acres		Bushels		1,000 Bushels	Dollars Per Bu	1,000 Dollars
1974	35	6	3.5	19.0	114	2.46	280
1975	21	4	4.0	22.0	88	2.28	201
1976	35	7	4.5	23.0	161	2.10	338
1977	30	4	2.5	20.0	80	1.60	128
1978	30	5	3.5	21.0	105	1.45	152
1979	42	5	2.5	20.0	100	2.35	235
1980	29	6	4.0	20.0	120	2.55	306
1981	15	3	4.0	19.5	59	3.05	180
1982	17	2	2.0	19.0	38	2.25	86
1983	12	2	3.0	19.0	38	2.05	78
1984	15	1	1.0	17.0	17	1.65	28
1985	13	2	3.5	22.0	44	1.95	86
1986	15	2	3.0	21.0	42	1.15	48
1987	18	3	4.0	24.0	72	1.25	90
1988	18	6	8.5	25.0	150	2.15	323
1989	25	4	3.0	20.0	80	1.65	132
1990	15	3	5.5	28.0	84	1.70	143
1991	15	3	5.0	26.0	78	1.90	148
1992	10	2	5.0	25.0	50	2.30	115
1993	11	1	2.5	25.0	25	2.61	65
1994	25	2	2.0	27.0	54	2.50	135
1995	15	2	4.0	30.0	60	2.55	153
1996	28	2	2.0	25.0	50	3.41	171
1997	28	2	2.0	27.0	54	3.30	178
1998	33	3	2.5	28.0	84	1.80	151
1999	28	2	2.5	33.0	66	1.40	92

1/ Estimates discontinued 1981; resumed 1999.

2/ Not available.

1999 CROP REVIEW

The combined value of production for small grain, hay, and late season row crops (excluding sugar beets) produced in 1999 totaled \$1.19 billion, down 8 percent from the comparable value of \$1.29 billion for the 1998 crops. Colorado producers had the same or a larger production in 1999 than they did in 1998 for corn grain and silage, winter wheat, sorghum silage, sugar beets, sunflowers, alfalfa hay, and fall potatoes. Production was below the previous year for spring wheat, sorghum grain, barley, oats, rye, dry beans, other hay, and summer potatoes. Proso millet estimates were initiated for the 1999 crop.

Corn was the state's leading crop in terms of value with total value of production from grain and silage estimated at \$358 million, representing 30 percent of the total value from all field crops. The 1999 corn grain crop of 159 million bushels was 2.5 percent larger than the 1998 crop while the corn silage output of 2.4 million tons was unchanged from a year earlier. Producers harvested 1,120,000 acres of corn for grain in 1999, up 5 percent from the previous year. The average yield of 142 bushels per acre was 3 bushels under the 1998 average.

The state's total hay crop ranked second in value, at \$321 million, even though the 4.6 million tons produced was virtually the same as in 1998. The 1999 alfalfa crop was valued at \$246 million, representing 77 percent of the all hay value, and other hay was valued at \$75 million. Hay producers harvested more acres in 1999 than the previous year but realized lower per acre yields and sharply lower prices than the previous year.

The 107.2 million bushels of all wheat produced in 1999 was valued at just under \$268 million, keeping it ranked third in terms of value of production. Winter wheat production, at 103.2 million bushels from 2.4 million acres harvested, was 4 percent higher than the 1998 crop. The average yield of 43.0 bushels per acre was a new record high for the state. Spring wheat production was down just slightly as producers harvested 17 percent fewer acres but experienced a 13 bushel increase in the average yield.

The value of production of all potatoes, at \$131 million, is expected to be just slightly larger than the value of the 1998. A small decline in the value of the summer crop, at \$14 million, was slightly more than offset by a small increase in the value of the fall crop to a total of \$117 million. Fall potato production totaled 25.76 million cwt in 1999, up nearly 2 percent from 1998. Producers harvested more acres in 1999 than a year earlier. The average yield was unchanged at 335 cwt per acre. The summer potato crop of 2.37 million cwt was down 10 percent as a result of fewer acres and lower yields.

Dry bean production declined 4 percent from a year earlier to 2.76 million cwt while prices for the 1999 crop were just slightly higher, resulting in a 3 percent drop in total value to \$43.3 million. While no value has yet been determined for the 1999 crop of sugar beets, the 1.46 million tons of beets produced was 12 percent above the 1998 output as more acres harvested offset lower yields.

Barley production declined 4 percent from 1998 to 9.03 million bushels in 1999. The 86,000 acres harvested was 5 percent higher than a year earlier but the average yield of 105.0 bushels per acre was 10 bushels below the previous year's record high of 115.0 bushels per acre. The 1999 crop value of \$23.9 million was down 11 percent from 1998. Some of the malt barley produced did not meet required specifications due to rains at harvest time and had to be sold as feed. Sorghum for grain production totaled 8.6 million bushels in 1999, down 18 percent from the 1998 crop. The harvested area increased 11 percent to 205,000 acres but the average yield of 42.0 bushels per acre was 15.0 bushels below the previous year's record high of 57.0 bushels per acre. The 1999 oats production declined 26 percent from the previous year to 1.30 million bushels. Producers harvested 5,000 fewer acres than they did the previous year and the average yield of 65.0 bushels per acre was 5.0 bushels under the 1998 average.

The 1999 output of all sunflowers was valued at \$30.6 million compared with \$22.9 million for the 1998 crop. Sunflower production, at 348.5 million pounds, was 75 percent larger than the 1998 crop. Of this total, 232.2 million pounds were from oil varieties and 116.3 million pounds were from non-oil varieties. Growers harvested 172,000 acres of oil varieties, 65,000 acres more than in 1998. The acreage of non-oil varieties increased 50,000 acres. Yields for each variety were close to year earlier averages. Proso millet production in 1999 totaled just under 8.2 million bushels. Producers harvested 240,000 acres and realized an average yield of 34.0 bushels per acre.

Winter wheat seedings for the 2000 crop, at 2.55 million acres, were down 2 percent from the 2.60 million acres seeded for the 1999 crop. Planting began on schedule in most areas with generally favorable moisture supplies for germination and emergence. Winter moisture was limited in most areas but was generally sufficient to maintain favorable prospects. Dry top soils in several areas raised concern for the crop during February, but subsequent moisture improved prospects. As of May 1, yield expectations were just 1.0 bushel under the previous year's record high of 43.0 bushels per acre. Then, freezing temperatures across east central areas on the morning of May 13 reduced yield potential on many fields.

Field Crops: Acreage, production and value, Colorado, 1994-95

Year and Crop	Acreage planted	Acreage harvested	Yield per acre	Total production	Unit	Value per unit	Total value
1994	Acres	Acres	Unit	Units		Dollars	1,000 Dollars
All wheat	2,945,000	2,592,000	30.8	79,734,000	Bu	3.48	276,828
Winter wheat	2,900,000	2,550,000	30.0	76,500,000	Bu	3.48	266,220
Spring wheat	45,000	42,000	77.0	3,234,000	Bu	3.28	10,608
Corn, all purposes	950,000	---	---	---	---	---	---
Corn for grain	---	840,000	150.0	126,000,000	Bu	2.38	299,880
Corn for silage	---	97,000	21.0	2,037,000	Tons	22.00	44,814
Sorghum, all purposes	200,000	---	---	---	---	---	---
Sorghum for grain	---	170,000	42.0	7,140,000	Bu	2.14	15,280
Sorghum for silage	---	18,000	15.0	270,000	Tons	20.00	5,400
Barley	90,000	83,000	90.0	7,470,000	Bu	2.64	19,721
Oats	75,000	24,000	60.0	1,440,000	Bu	1.80	2,592
Rye	25,000	2,000	27.0	54,000	Bu	2.50	135
Dry Beans 1/	205,000	195,000	16.10	3,140,000	Cwt	16.60	52,124
Sugar beets	443,000	43,200	21.90	946,000	Tons	35.70	33,772
Sunflowers	100,000	95,000	1,014	96,300,000	Lbs	11.30 2/	10,860
Oil varieties	72,000	69,000	1,000	69,000,000	Lbs	10.20 2/	7,038
Non-Oil varieties	28,000	26,000	1,050	27,300,000	Lbs	14.00 2/	3,822
All hay	---	1,330,000	3.05	4,060,000	Tons	91.00	368,284
Alfalfa hay	---	840,000	3.90	3,276,000	Tons	91.00	298,116
All other hay	---	490,000	1.60	784,000	Tons	89.50	70,168
All potatoes	83,500	83,000	348	28,864,000	Cwt	3.75	107,377
Summer potatoes	9,500	9,300	330	3,069,000	Cwt	5.15	15,805
Fall potatoes	74,000	73,700	350	25,795,000	Cwt	3.55	91,572
Total field crops	---	5,572,200	---	---	---	---	1,237,067
1995	Acres	Acres	Unit	Units		Dollars	1,000 Dollars
All wheat	2,940,000	2,738,000	38.4	105,260,000	Bu	4.64	488,528
Winter wheat	2,900,000	2,700,000	38.0	102,600,000	Bu	4.65	477,090
Spring wheat	40,000	38,000	70.0	2,660,000	Bu	4.30	11,438
Corn, all purposes	950,000	---	---	---	---	---	---
Corn for grain	---	830,000	111.0	92,130,000	Bu	3.33	306,793
Corn for silage	---	105,000	20.0	2,100,000	Tons	22.00	46,200
Sorghum, all purposes	200,000	---	---	---	---	---	---
Sorghum for grain	---	165,000	28.0	4,620,000	Bu	3.14	14,507
Sorghum for silage	---	13,000	13.0	169,000	Tons	20.00	3,380
Barley	110,000	100,000	100.0	10,000,000	Bu	2.95	29,500
Oats	95,000	33,000	62.0	2,046,000	Bu	2.17	4,440
Rye	15,000	2,000	30.0	60,000	Bu	2.55	153
Dry Beans 1/	190,000	165,000	15.50	2,558,000	Cwt	18.50	47,323
Sugar beets	42,800	41,100	17.4	715,000	Tons	35.40	25,311
Sunflowers	115,000	110,000	938	103,160,000	Lbs	12.70 2/	13,173
Oil varieties	65,000	62,000	820	50,840,000	Lbs	11.40 2/	5,796
Non-Oil varieties	50,000	48,000	1,090	52,320,000	Lbs	14.10 2/	7,377
All hay	---	1,400,000	2.89	4,050,000	Tons	87.50	354,960
Alfalfa hay	---	850,000	3.60	3,060,000	Tons	88.50	270,810
All other hay	---	550,000	1.80	990,000	Tons	85.00	84,150
All potatoes	86,300	85,900	309	26,584,000	Cwt	6.25	166,705
Summer potatoes	9,300	9,100	305	2,776,000	Cwt	6.45	17,905
Fall potatoes	77,000	76,800	310	23,808,000	Cwt	6.25	148,800
Total field crops	---	5,788,000	---	---	---	---	1,500,973

1/ Yield, production, price, and value on clean basis. 2/ Dollars per hundredweight.

Field Crops: Acreage, production and value, Colorado, 1996-97

Year and Crop	Acreage planted	Acreage harvested	Yield per acre	Total production	Unit	Value per unit	Total value
1996	Acres	Acres	Unit	Units		Dollars	1,000 Dollars
All wheat	2,870,000	2,268,000	33.3	75,500,000	Bu	4.26	320,855
Winter wheat	2,800,000	2,200,000	32.0	70,400,000	Bu	4.27	300,608
Spring wheat	70,000	68,000	75.0	5,100,000	Bu	3.97	20,247
Corn, all purposes	1,000,000	---	---	---	---	---	---
Corn for grain	---	890,000	142.0	126,380,000	Bu	2.76	348,809
Corn for silage	---	90,000	21.5	1,935,000	Tons	24.00	46,440
Sorghum, all purposes	290,000	---	---	---	---	---	---
Sorghum for grain	---	260,000	51.0	13,260,000	Bu	2.27	30,100
Sorghum for silage	---	12,000	13.0	156,000	Tons	19.00	2,964
Barley	100,000	92,000	104.00	9,568,000	Bu	3.05	29,182
Oats	80,000	35,000	52.0	1,820,000	Bu	2.24	4,077
Rye	28,000	2,000	25.0	50,000	Bu	3.41	171
Dry Beans 1/	145,000	125,000	18.00	2,250,000	Cwt	22.50	50,625
Sugar beets	54,800	51,100	20.2	1,032,000	Tons	41.20	42,518
Sunflowers	110,000	107,000	1185	126,800,000	Lbs	13.30 2/	16,844
Oil varieties	45,000	44,000	1450	63,800,000	Lbs	10.80 2/	6,890
Non-Oil varieties	65,000	63,000	1000	63,000,000	Lbs	15.80 2/	9,954
All hay	---	1,510,000	2.77	4,180,000	Tons	96.00	402,120
Alfalfa hay	---	860,000	3.50	3,010,000	Tons	99.00	297,990
All other hay	---	650,000	1.80	1,170,000	Tons	89.00	104,130
All potatoes	88,000	87,600	372	32,556,000	Cwt	1.90	60,542
Summer potatoes	10,000	9,800	345	3,381,000	Cwt	4.10	13,862
Fall potatoes	78,000	77,800	375	29,175,000	Cwt	1.60	46,680
Total field crops	---	5,529,700	---	---	---	---	1,355,247
1997	Acres	Acres	Unit	Units		Dollars	1,000 Dollars
All wheat	3,053,000	2,750,000	32.8	90,100,000	Bu	3.17	285,580
Winter wheat	3,000,000	2,700,000	32.0	86,400,000	Bu	3.17	273,888
Spring wheat	53,000	50,000	74.0	3,700,000	Bu	3.16	11,692
Corn, all purposes	1,090,000	---	---	---	---	---	---
Corn for grain	---	980,000	146.0	143,080,000	Bu	2.59	370,577
Corn for silage	---	100,000	22.5	2,250,000	Tons	24.00	54,000
Sorghum, all purposes	190,000	---	---	---	---	---	---
Sorghum for grain	---	150,000	40.0	6,000,000	Bu	2.19	13,140
Sorghum for silage	---	18,000	13.0	234,000	Tons	21.50	5,031
Barley	95,000	89,000	108.0	9,612,000	Bu	2.98	28,644
Oats	70,000	25,000	68.0	1,700,000	Bu	2.05	3,485
Rye	28,000	2,000	27.0	54,000	Bu	3.30	178
Dry Beans 1/	135,000	120,000	19.00	2,280,000	Cwt	18.70	42,636
Sugar beets	67,900	66,400	19.7	1,308,000	Tons	34.10	44,603
Sunflowers	85,000	80,000	1076	86,100,000	Lbs	12.30 2/	10,395
Oil varieties	50,000	47,000	1200	56,400,000	Lbs	10.90 2/	6,148
Non-Oil varieties	35,000	33,000	900	29,700,000	Lbs	14.30 2/	4,247
All hay	---	1,590,000	2.98	4,739,000	Tons	101.00	485,954
Alfalfa hay	---	840,000	3.90	3,276,000	Tons	101.00	330,876
All other hay	---	750,000	1.95	1,463,000	Tons	106.00	155,078
All potatoes	84,800	84,500	326	27,577,000	Cwt	4.60	126,164
Summer potatoes	7,800	7,600	340	2,584,000	Cwt	5.30	13,695
Fall potatoes	77,000	76,900	325	24,993,000	Cwt	4.50	112,469
Total field crops	---	6,054,900	---	---	---	---	1,470,387

1/ Yield, production, price, and value on clean basis. 2/ Dollars per hundredweight.

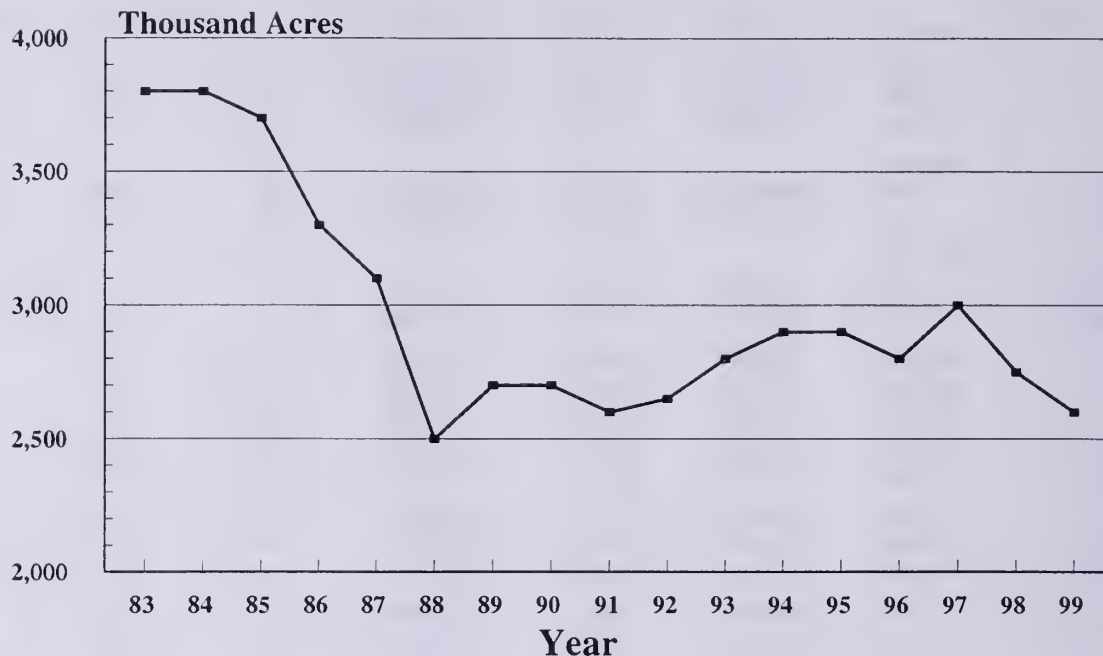
Field Crops: Acreage, production and value, Colorado, 1998-99

Year and Crop	Acreage planted	Acreage harvested	Yield per acre	Total production	Unit	Value per unit	Total value
1998	Acres	Acres	Unit	Units		Dollars	1,000 Dollars
All wheat	2,812,000	2,610,000	39.6	103,470,000	Bu	2.49	257,118
Winter wheat	2,750,000	2,550,000	39.0	99,450,000	Bu	2.49	247,631
Spring wheat	62,000	60,000	67.0	4,020,000	Bu	2.36	9,487
Corn, all purposes	1,180,000	---	---	---	---	---	---
Corn for grain	---	1,070,000	145.0	155,150,000	Bu	1.96	304,094
Corn for silage	---	100,000	24.0	2,400,000	Tons	22.00	52,800
Sorghum, all purposes	200,000	---	---	---	---	---	---
Sorghum for grain	---	185,000	57.0	10,545,000	Bu	1.65	17,399
Sorghum for silage	---	11,000	13.0	143,000	Tons	21.00	3,003
Barley	90,000	82,000	115.0	9,430,000	Bu	2.84	26,781
Oats	90,000	25,000	70.0	1,750,000	Bu	1.70	2,975
Rye	33,000	3,000	28.0	84,000	Bu	1.80	151
Dry Beans <u>1/</u>	170,000	155,000	18.50	2,868,000	Cwt	15.60	44,741
Sugar beets	62,500	57,300	22.7	1,301,000	Tons	35.40	46,055
Sunflowers	160,000	150,000	1,328	199,250,000	Lbs	11.50 <u>2/</u>	22,903
Oil varieties	115,000	107,000	1,400	149,800,000	Lbs	10.70 <u>2/</u>	16,029
Non-Oil varieties	45,000	43,000	1,150	49,450,000	Lbs	13.90 <u>2/</u>	6,874
All hay	---	1,410,000	3.26	4,602,000	Tons	92.00	430,782
Alfalfa hay	---	810,000	4.20	3,402,000	Tons	91.00	309,582
All other hay	---	600,000	2.00	1,200,000	Tons	101.00	121,200
All potatoes	83,500	83,200	336	27,985,000	Cwt	4.70	130,700
Summer potatoes	7,700	7,500	350	2,625,000	Cwt	5.35	14,044
Fall potatoes	75,800	75,700	335	25,360,000	Cwt	4.60	116,656
Total field crops	---	5,941,500	---	---	---	---	1,339,502
1999	Acres	Acres	Unit	Units		Dollars	1,000 Dollars
All wheat	2,653,000	2,450,000	43.8	107,200,000	Bu	2.50	267,600
Winter wheat	2,600,000	2,400,000	43.0	103,200,000	Bu	2.50	258,000
Spring wheat	53,000	50,000	80.0	4,000,000	Bu	2.40	9,600
Corn, all purposes	1,230,000	---	---	---	---	---	---
Corn for grain	---	1,120,000	142.0	159,040,000	Bu	1.95	310,128
Corn for silage	---	100,000	24.0	2,400,000	Tons	20.00	48,000
Sorghum, all purposes	230,000	---	---	---	---	---	---
Sorghum for grain	---	205,000	42.0	8,610,000	Bu	1.40	12,054
Sorghum for silage	---	10,000	17.0	170,000	Tons	19.50	3,315
Barley	95,000	86,000	105.0	9,030,000	Bu	2.65	23,930
Oats	50,000	20,000	65.0	1,300,000	Bu	1.70	2,210
Rye	28	2,000	33.0	66,000	Bu	1.40	92
Dry Beans <u>1/</u>	155,000	145,000	19.00	2,755,000	Cwt	15.70	43,254
Sugar beets	72,100	68,500	21.3	1,459,000	Tons	<u>3/</u>	<u>3/</u>
Sunflowers	270,000	265,000	1,315	348,450,000	Lbs	8.80 <u>2/</u>	30,552
Oil varieties	175,000	172,000	1,350	232,200,000	Lbs	7.40 <u>2/</u>	17,183
Non-Oil varieties	95,000	93,000	1,250	116,250,000	Lbs	11.50 <u>2/</u>	13,369
All hay	---	1,520,000	3.03	4,598,000	Tons	69.50	321,043
Alfalfa hay	---	900,000	3.80	3,420,000	Tons	72.00	246,240
All other hay	---	620,000	1.90	1,178,000	Tons	63.50	74,803
All potatoes	84,800	84,300	334	28,130,000	Cwt	4.65	131,188
Summer potatoes	7,600	7,400	320	2,368,000	Cwt	5.90	13,971
Fall potatoes	77,200	76,900	335	25,762,000	Cwt	4.55	117,217
Total field crops	---	6,075,800	---	---	---	---	1,193,366 <u>4/</u>

1/ Yield, production, price, and value on clean basis. 2/ Dollars per hundredweight. 3/ Available February 2001. 4/ Total excluding sugar beets.

Winter Wheat: Planted Acres, Colorado, 1983-99

(000 Acres)



Winter Wheat: Acreage and production by county and district, Colorado, 1994

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	20,000	...	...	...	17,000	21.0	358,000	17,000	21.0	358,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	2,000	...	...	...	1,800	21.0	38,000	1,800	21.0	38,000
Routt	7,000	...	...	...	6,200	25.0	154,000	6,200	25.0	154,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	29,000	...	...	...	25,000	22.0	550,000	25,000	22.0	550,000
Boulder	4,300	500	68.0	34,000	3,500	17.0	60,000	4,000	23.5	94,000
Jefferson . . .	700	...	...	...	600	20.0	12,000	600	20.0	12,000
Larimer	12,000	1,800	70.5	127,000	8,600	23.5	200,000	10,400	31.5	327,000
Logan	165,000	3,500	48.5	170,000	141,500	25.0	3,540,000	145,000	25.5	3,710,000
Morgan	78,000	5,800	70.0	405,000	64,200	25.0	1,612,000	70,000	29.0	2,017,000
Sedgwick . . .	95,000	1,400	64.5	90,000	83,600	29.0	2,445,000	85,000	30.0	2,535,000
Weld	180,000	13,000	59.5	774,000	142,000	22.0	3,101,000	155,000	25.0	3,875,000
Northeast	535,000	26,000	61.5	1,600,000	444,000	24.5	10,970,000	470,000	26.5	12,570,000

Winter Wheat: Acreage and production by county and district, Colorado, 1994, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	185,000	2,000	52.0	104,000	168,000	21.0	3,551,000	170,000	21.5	3,655,000
Arapahoe . . .	95,300	...	...	...	87,000	22.0	1,930,000	87,000	22.0	1,930,000
Cheyenne . . .	210,000	5,500	53.5	294,000	169,500	37.0	6,266,000	175,000	37.5	6,560,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	3,900	...	...	...	3,500	21.5	75,000	3,500	21.5	75,000
Elbert	41,000	...	...	...	37,000	27.0	1,005,000	37,000	27.0	1,005,000
El Paso	2,800	...	...	...	2,500	24.0	60,000	2,500	24.0	60,000
Kiowa	220,000	500	36.0	18,000	194,500	27.0	5,257,000	195,000	27.0	5,275,000
Kit Carson . .	350,000	31,000	58.5	1,810,000	274,000	37.5	10,290,000	305,000	39.5	12,100,000
Lincoln	175,000	1,000	51.0	51,000	154,000	31.0	4,744,000	155,000	31.0	4,795,000
Phillips	132,000	2,000	64.0	128,000	118,000	26.5	3,132,000	120,000	27.0	3,260,000
Washington . .	325,000	3,000	53.5	160,000	292,000	29.0	8,540,000	295,000	29.5	8,700,000
Yuma	160,000	10,000	54.5	545,000	135,000	31.5	4,240,000	145,000	33.0	4,785,000
East Central	1,900,000	55,000	56.5	3,110,000	1,635,000	30.0	49,090,000	1,690,000	31.0	52,200,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	500	500	60.0	30,000	...	...	...	500	60.0	30,000
Dolores	26,000	...	...	...	23,000	17.5	398,000	23,000	17.5	398,000
Garfield	2,200	...	...	...	1,600	17.0	27,000	1,600	17.0	27,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	4,400	400	67.5	27,000	3,100	18.0	56,000	3,500	23.5	83,000
Mesa	1,500	1,100	97.5	107,000	300	20.0	6,000	1,400	80.5	113,000
Montezuma . .	9,200	500	82.0	41,000	7,500	19.0	144,000	8,000	23.0	185,000
Montrose . . .	1,600	1,500	90.0	135,000	...	...	...	1,500	90.0	135,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	600	...	...	...	500	18.0	9,000	500	18.0	9,000
Southwest	46,000	4,000	85.0	340,000	36,000	18.0	640,000	40,000	24.5	980,000
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	...	...	...	...	...	...	...	...	...	...
Saguache . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca	220,000	25,000	51.5	1,288,000	157,000	26.0	4,112,000	182,000	29.5	5,400,000
Bent	9,500	5,000	53.0	265,000	3,000	36.5	110,000	8,000	47.0	375,000
Crowley	7,000	500	38.0	19,000	5,500	30.0	166,000	6,000	31.0	185,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	4,400	500	50.0	25,000	3,500	18.5	65,000	4,000	22.5	90,000
Otero	4,500	4,000	77.5	310,000	...	...	...	4,000	77.5	310,000
Prowers	138,000	13,500	44.5	603,000	101,500	30.0	3,037,000	115,000	31.5	3,640,000
Pueblo	6,600	1,500	93.5	140,000	4,500	13.5	60,000	6,000	33.5	200,000
Southeast	390,000	50,000	53.0	2,650,000	275,000	27.5	7,550,000	325,000	31.5	10,200,000
State Total	2,900,000	135,000	57.0	7,700,000	2,415,000	28.5	68,800,000	2,550,000	30.0	76,500,000

Winter Wheat: Harvested Acres, Colorado, 1983-99 (000 Acres)



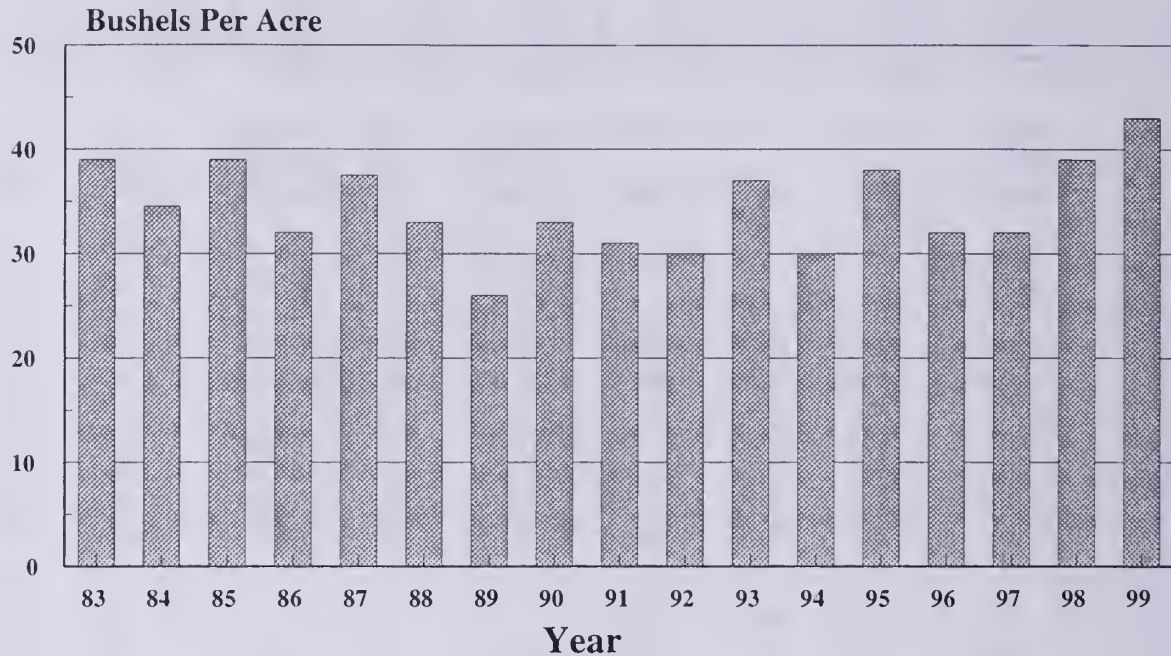
Winter Wheat: Acreage and production by county and district, Colorado, 1995

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee .....	...	...	...	...	...	...	...	...	...	...
Clear Creek ..	...	...	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...	...	...
Gunnison ...	...	...	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...	...
Moffat	20,700	...	...	...	20,000	30.0	595,000	20,000	30.0	595,000
Park .....	...	...	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...	...	...
Rio Blanco ..	2,100	...	...	...	2,000	30.0	60,000	2,000	30.0	60,000
Routt	8,200	...	...	...	8,000	30.5	245,000	8,000	30.5	245,000
Summit .....	...	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...	...
NW & Mountain	31,000	...	...	...	30,000	30.0	900,000	30,000	30.0	900,000
Boulder	4,500	1,000	75.0	75,000	3,500	33.5	117,000	4,500	42.5	192,000
Jefferson	500	...	...	...	500	26.0	13,000	500	26.0	13,000
Larimer	14,000	2,000	70.0	140,000	10,000	25.0	250,000	12,000	32.5	390,000
Logan	167,000	4,000	51.5	205,000	148,000	35.0	5,180,000	152,000	35.5	5,385,000
Morgan	91,000	10,000	73.0	730,000	68,000	39.5	2,680,000	78,000	43.5	3,410,000
Sedgwick ...	88,000	2,000	50.0	100,000	81,000	42.5	3,435,000	83,000	42.5	3,535,000
Weld	190,000	13,000	61.5	800,000	157,000	33.0	5,175,000	170,000	35.0	5,975,000
Northeast	555,000	32,000	64.0	2,050,000	468,000	36.0	16,850,000	500,000	38.0	18,900,000

Winter Wheat: Acreage and production by county and district, Colorado, 1995, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	185,000	3,500	54.5	190,000	166,500	34.5	5,740,000	170,000	35.0	5,930,000
Arapahoe . . .	105,000	...	...	...	100,000	31.0	3,095,000	100,000	31.0	3,095,000
Cheyenne . . .	195,000	6,000	49.0	295,000	174,000	38.0	6,645,000	180,000	38.5	6,940,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	3,500	...	...	...	3,500	25.5	90,000	3,500	25.5	90,000
Elbert	36,500	...	...	...	34,500	43.0	1,475,000	34,500	43.0	1,475,000
El Paso	3,000	...	...	...	3,000	26.5	80,000	3,000	26.5	80,000
Kiowa	235,000	2,500	52.0	130,000	212,500	30.0	6,420,000	215,000	30.5	6,550,000
Kit Carson . .	340,000	37,000	57.0	2,100,000	288,000	47.5	13,695,000	325,000	48.5	15,795,000
Lincoln	167,000	1,500	60.0	90,000	158,500	42.5	6,730,000	160,000	42.5	6,820,000
Phillips	130,000	2,000	60.0	120,000	117,000	41.5	4,860,000	119,000	42.0	4,980,000
Washington . .	315,000	4,500	55.5	250,000	300,500	40.5	12,160,000	305,000	40.5	12,410,000
Yuma	160,000	13,000	59.5	775,000	142,000	42.5	6,010,000	155,000	44.0	6,785,000
East Central	1,875,000	70,000	56.5	3,950,000	1,700,000	39.5	67,000,000	1,770,000	40.0	70,950,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	500	500	100.0	50,000	...	...	...	500	100.0	50,000
Dolores	23,000	400	70.0	28,000	21,100	27.5	580,000	21,500	28.5	608,000
Garfield	1,700	...	...	...	1,600	25.0	40,000	1,600	25.0	40,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	3,800	200	55.0	11,000	3,500	23.0	80,000	3,700	24.5	91,000
Mesa	2,000	2,000	100.0	200,000	...	...	...	2,000	100.0	200,000
Montezuma . .	7,200	700	80.0	56,000	6,300	29.5	185,000	7,000	34.5	241,000
Montrose . . .	1,200	1,200	112.5	135,000	...	...	...	1,200	112.5	135,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	2,600	...	...	...	2,500	26.0	65,000	2,500	26.0	65,000
Southwest	42,000	5,000	96.0	480,000	35,000	27.0	950,000	40,000	36.0	1,430,000
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	...	...	...	...	...	...	...	...	...	...
Saguache . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca	217,000	28,500	39.5	1,125,000	166,500	24.0	3,990,000	195,000	26.0	5,115,000
Bent	12,000	3,500	47.0	165,000	6,000	27.5	165,000	9,500	34.5	330,000
Crowley	5,700	...	...	...	5,500	37.5	205,000	5,500	37.5	205,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	4,100	...	...	...	4,000	25.0	100,000	4,000	25.0	100,000
Otero	5,200	5,000	70.0	350,000	...	...	...	5,000	70.0	350,000
Prowers	146,000	15,000	52.5	790,000	120,000	28.0	3,335,000	135,000	30.5	4,125,000
Pueblo	7,000	1,000	90.0	90,000	5,000	21.0	105,000	6,000	32.5	195,000
Southeast	397,000	53,000	47.5	2,520,000	307,000	25.5	7,900,000	360,000	29.0	10,420,000
State Total	2,900,000	160,000	56.5	9,000,000	2,540,000	37.0	93,600,000	2,700,000	38.0	102,600,000

Winter Wheat: Yield Per Acre, Colorado, 1983-99 (Bushels Per Acre)



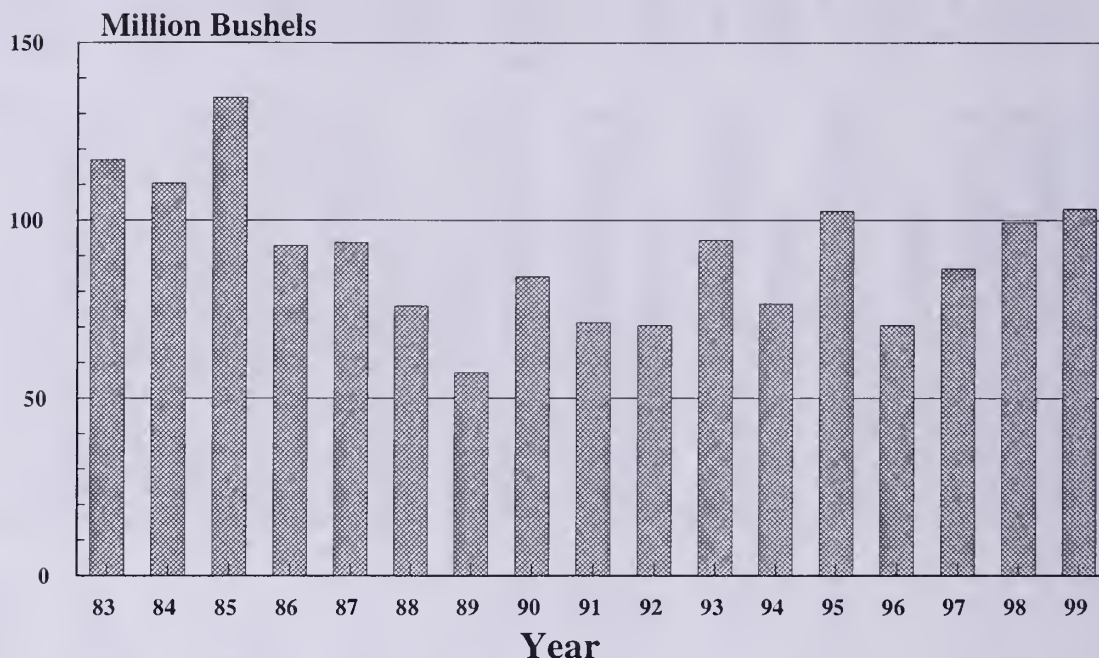
Winter Wheat: Acreage and production by county and district, Colorado, 1996

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee .....	...	...	...	...	...	...	...	...	...	...
Clear Creek ..	...	...	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...	...	...
Gunnison ...	...	...	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...	...
Moffat	16,000	...	...	...	13,000	24.5	320,000	13,000	24.5	320,000
Park .....	...	...	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...	...	...
Rio Blanco ..	2,000	...	...	...	2,000	20.0	40,000	2,000	20.0	40,000
Routt	7,500	...	...	...	7,000	24.5	170,000	7,000	24.5	170,000
Summit .....	...	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...	...
NW & Mountain	25,500	...	...	...	22,000	24.0	530,000	22,000	24.0	530,000
Boulder	6,100	1,500	80.0	120,000	4,500	22.0	100,000	6,000	36.5	220,000
Jefferson .....	...	...	...	...	...	...	...	...	...	...
Larimer	10,500	1,500	80.0	120,000	8,500	32.5	275,000	10,000	39.5	395,000
Logan	165,100	7,000	55.5	390,000	154,000	38.0	5,850,000	161,000	39.0	6,240,000
Morgan	79,700	12,000	70.0	840,000	64,000	34.0	2,175,000	76,000	39.5	3,015,000
Sedgwick ...	90,300	3,000	50.0	150,000	78,000	40.5	3,160,000	81,000	41.0	3,310,000
Weld	188,300	15,000	58.5	880,000	151,000	27.5	4,130,000	166,000	30.0	5,010,000
Northeast	540,000	40,000	62.5	2,500,000	460,000	34.0	15,690,000	500,000	36.5	18,190,000

Winter Wheat: Acreage and production by county and district, Colorado, 1996, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	160,500	3,500	40.0	140,000	151,500	25.5	3,860,000	155,000	26.0	4,000,000
Arapahoe . . .	90,300	500	50.0	25,000	89,500	23.0	2,060,000	90,000	23.0	2,085,000
Cheyenne . . .	231,000	6,000	47.5	285,000	74,000	18.5	1,370,000	80,000	20.5	1,655,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	3,000	...	...	...	3,000	31.5	95,000	3,000	31.5	95,000
Elbert	35,000	...	...	...	30,000	20.0	600,000	30,000	20.0	600,000
El Paso	2,200	...	...	...	2,000	15.0	30,000	2,000	15.0	30,000
Kiowa	168,500	2,500	40.0	100,000	102,500	21.0	2,150,000	105,000	21.5	2,250,000
Kit Carson . .	347,700	36,000	57.0	2,050,000	284,000	30.5	8,675,000	320,000	33.5	10,725,000
Lincoln	159,000	2,000	50.0	100,000	153,000	32.0	4,895,000	155,000	32.0	4,995,000
Phillips	136,500	2,500	52.0	130,000	122,500	33.5	4,110,000	125,000	34.0	4,240,000
Washington . .	323,300	4,000	52.5	210,000	311,000	35.0	10,825,000	315,000	35.0	11,035,000
Yuma	148,000	13,000	66.0	860,000	127,000	38.0	4,830,000	140,000	40.5	5,690,000
East Central	1,805,000	70,000	55.5	3,900,000	1,450,000	30.0	43,500,000	1,520,000	31.0	47,400,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	700	600	108.5	65,000	...	...	...	600	108.5	65,000
Dolores	19,600	600	41.5	25,000	12,400	10.0	125,000	13,000	11.5	150,000
Garfield	1,100	...	...	...	1,100	22.5	25,000	1,100	22.5	25,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	3,300	...	...	...	1,800	11.0	20,000	1,800	11.0	20,000
Mesa	3,200	3,000	83.5	250,000	...	...	...	3,000	83.5	250,000
Montezuma . .	5,300	1,000	75.0	75,000	3,000	13.5	40,000	4,000	29.0	115,000
Montrose . . .	1,500	1,300	104.0	135,000	...	...	...	1,300	104.0	135,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	2,300	...	...	...	1,700	12.0	20,000	1,700	12.0	20,000
Southwest	37,000	6,500	84.5	550,000	20,000	11.5	230,000	26,500	29.5	780,000
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	1,500	1,500	100.0	150,000	...	...	...	1,500	100.0	150,000
Saguache . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	1,500	1,500	100.0	150,000	...	...	...	1,500	100.0	150,000
Baca	232,500	22,000	37.0	815,000	33,000	14.5	485,000	55,000	23.5	1,300,000
Bent	10,000	3,000	60.0	180,000	2,000	15.0	30,000	5,000	42.0	210,000
Crowley	6,000	...	...	...	4,000	15.0	60,000	4,000	15.0	60,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	7,000	...	...	...	1,000	12.0	12,000	1,000	12.0	12,000
Otero	5,500	5,000	66.0	330,000	...	...	...	5,000	66.0	330,000
Prowers	121,000	10,500	52.5	550,000	44,500	16.5	725,000	55,000	23.0	1,275,000
Pueblo	9,000	1,500	83.5	125,000	3,500	11.0	38,000	5,000	32.5	163,000
Southeast	391,000	42,000	47.5	2,000,000	88,000	15.5	1,350,000	130,000	26.0	3,350,000
State Total	2,800,000	160,000	57.0	9,100,000	2,040,000	30.0	61,300,000	2,200,000	32.0	70,400,000

Winter Wheat: Production, Colorado, 1983-99 (Million Bushels)



Winter Wheat: Acreage and production by county and district, Colorado, 1997

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee .....	...	...	...	...	...	...	...	...	...	...
Clear Creek ..	...	...	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...	...	...
Gunnison ...	...	...	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...	...
Moffat	23,000	...	...	...	22,000	28.0	615,000	22,000	28.0	615,000
Park .....	...	...	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...	...	...
Rio Blanco ..	3,100	...	...	...	3,000	25.0	75,000	3,000	25.0	75,000
Routt	11,900	...	...	...	10,000	26.0	260,000	10,000	26.0	260,000
Summit .....	...	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...	...
NW & Mountain	38,000	...	...	...	35,000	27.0	950,000	35,000	27.0	950,000
Boulder	7,000	2,000	80.0	160,000	5,000	38.0	190,000	7,000	50.0	350,000
Jefferson .....	...	...	...	...	...	...	...	...	...	...
Larimer	14,500	2,500	60.0	150,000	9,500	34.5	330,000	12,000	40.0	480,000
Logan	165,000	9,000	52.0	470,000	143,000	29.0	4,130,000	152,000	30.5	4,600,000
Morgan	81,000	12,000	62.5	750,000	54,000	32.0	1,720,000	66,000	37.5	2,470,000
Sedgwick ...	91,000	4,500	58.0	260,000	66,500	33.5	2,240,000	71,000	35.0	2,500,000
Weld	190,500	23,000	57.0	1,310,000	144,000	30.5	4,390,000	167,000	34.0	5,700,000
Northeast	549,000	53,000	58.5	3,100,000	422,000	31.0	13,000,000	475,000	34.0	16,100,000

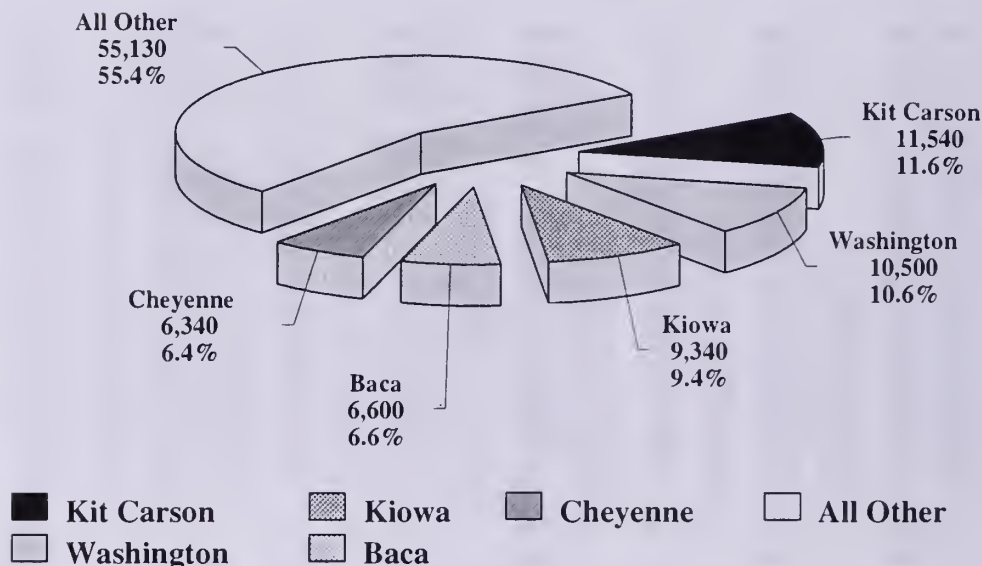
Winter Wheat: Acreage and production by county and district, Colorado, 1997, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	243,000	3,000	53.5	160,000	222,000	34.5	7,640,000	225,000	34.5	7,800,000
Arapahoe . . .	86,000	1,000	50.0	50,000	74,000	26.5	1,950,000	75,000	26.5	2,000,000
Cheyenne . . .	204,000	4,000	65.0	260,000	176,000	27.0	4,740,000	180,000	28.0	5,000,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	3,000	...	...	...	3,000	25.0	75,000	3,000	25.0	75,000
Elbert	49,000	...	...	...	40,000	25.0	1,000,000	40,000	25.0	1,000,000
El Paso	4,500	1,500	53.5	80,000	2,500	28.0	70,000	4,000	37.5	150,000
Kiowa	198,500	3,500	51.5	180,000	186,500	29.5	5,520,000	190,000	30.0	5,700,000
Kit Carson . .	328,500	33,000	63.0	2,080,000	267,000	30.5	8,120,000	300,000	34.0	10,200,000
Lincoln	190,500	500	50.0	25,000	159,500	24.5	3,875,000	160,000	24.5	3,900,000
Phillips	140,000	5,000	55.0	275,000	125,000	34.5	4,310,000	130,000	35.5	4,585,000
Washington . .	365,000	10,000	57.5	575,000	320,000	32.5	10,425,000	330,000	33.5	11,000,000
Yuma	178,000	16,500	67.5	1,115,000	146,500	32.5	4,775,000	163,000	36.0	5,890,000
East Central	1,990,000	78,000	61.5	4,800,000	1,722,000	30.5	52,500,000	1,800,000	32.0	57,300,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	600	500	100.0	50,000	...	...	...	500	100.0	50,000
Dolores	18,700	200	75.0	15,000	17,800	23.5	415,000	18,000	24.0	430,000
Garfield	1,500	300	83.5	25,000	1,200	21.0	25,000	1,500	33.5	50,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	4,200	...	...	...	4,000	29.0	115,000	4,000	29.0	115,000
Mesa	5,200	5,000	101.0	505,000	...	...	...	5,000	101.0	505,000
Montezuma . .	10,500	1,500	93.5	140,000	8,500	24.5	210,000	10,000	35.0	350,000
Montrose . . .	1,600	1,500	110.0	165,000	...	...	...	1,500	110.0	165,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	4,700	...	...	...	4,500	19.0	85,000	4,500	19.0	85,000
Southwest	47,000	9,000	100.0	900,000	36,000	23.5	850,000	45,000	39.0	1,750,000
Alamosa	1,200	1,200	91.5	110,000	...	...	...	1,200	91.5	110,000
Conejos . . . .	...	...	...	...	...	...	...	...	...	...
Costilla	800	800	106.5	85,000	...	...	...	800	106.5	85,000
Mineral . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	1,300	1,300	100.0	130,000	...	...	...	1,300	100.0	130,000
Saguache . . .	1,700	1,700	103.0	175,000	...	...	...	1,700	103.0	175,000
San Luis Valley	5,000	5,000	100.0	500,000	...	...	...	5,000	100.0	500,000
Baca	203,500	23,500	46.0	1,080,000	161,500	22.0	3,520,000	185,000	25.0	4,600,000
Bent	10,600	4,500	58.0	260,000	5,500	25.5	140,000	10,000	40.0	400,000
Crowley	2,200	...	...	...	2,000	30.0	60,000	2,000	30.0	60,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	8,000	...	...	...	6,000	20.0	120,000	6,000	20.0	120,000
Otero	4,100	4,000	70.0	280,000	...	...	...	4,000	70.0	280,000
Prowers	139,500	12,500	50.5	630,000	117,500	30.5	3,600,000	130,000	32.5	4,230,000
Pueblo	3,100	500	100.0	50,000	2,500	24.0	60,000	3,000	36.5	110,000
Southeast	371,000	45,000	51.0	2,300,000	295,000	25.5	7,500,000	340,000	29.0	9,800,000
State Total	3,000,000	190,000	61.0	11,600,000	2,510,000	30.0	74,800,000	2,700,000	32.0	86,400,000

Winter Wheat Production - 1998 Crop

Top Five Counties, Colorado

Production in 1,000 Bushels and Percent of Total




Winter Wheat: Acreage and production by county and district, Colorado, 1998

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	19,600	...	...	...	19,000	28.5	545,000	19,000	28.5	545,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	2,000	...	...	...	2,000	17.5	35,000	2,000	17.5	35,000
Routt	9,400	...	...	...	9,000	22.0	200,000	9,000	22.0	200,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	31,000	...	...	...	30,000	26.0	780,000	30,000	26.0	780,000
Boulder	10,300	1,800	94.5	170,000	8,200	36.5	300,000	10,000	47.0	470,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	17,200	1,700	56.0	95,000	13,300	35.5	470,000	15,000	37.5	565,000
Logan	169,700	4,500	66.5	300,000	155,500	36.0	5,600,000	160,000	37.0	5,900,000
Morgan	90,000	14,000	70.0	980,000	66,000	32.0	2,100,000	80,000	38.5	3,080,000
Sedgwick . . .	94,300	4,000	84.0	335,000	86,000	47.5	4,100,000	90,000	49.5	4,435,000
Weld	188,500	17,000	77.5	1,320,000	153,000	29.5	4,530,000	170,000	34.5	5,850,000
Northeast	570,000	43,000	74.5	3,200,000	482,000	35.5	17,100,000	525,000	38.5	20,300,000

Winter Wheat: Acreage and production by county and district, Colorado, 1998, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	191,300	3,000	63.5	190,000	177,000	32.5	5,740,000	180,000	33.0	5,930,000
Arapahoe ...	57,500	500	40.0	20,000	54,500	32.0	1,750,000	55,000	32.0	1,770,000
Cheyenne ...	158,500	4,500	53.5	240,000	145,500	42.0	6,100,000	150,000	42.5	6,340,000
Denver .....	...	...	...	...	...	...	...	...	...	...
Douglas	3,100	...	...	...	3,000	26.5	80,000	3,000	26.5	80,000
Elbert	38,400	...	...	...	34,000	29.0	980,000	34,000	29.0	980,000
El Paso	3,500	1,000	60.0	60,000	2,000	25.0	50,000	3,000	36.5	110,000
Kiowa	199,000	2,000	70.0	140,000	188,000	49.0	9,200,000	190,000	49.0	9,340,000
Kit Carson ..	300,200	30,000	58.0	1,740,000	250,000	39.0	9,800,000	280,000	41.0	11,540,000
Lincoln	171,500	1,500	40.0	60,000	158,500	34.5	5,500,000	160,000	35.0	5,560,000
Phillips	128,500	3,500	70.0	245,000	116,500	45.5	5,300,000	120,000	46.0	5,545,000
Washington ..	338,000	7,500	53.5	400,000	302,500	33.5	10,100,000	310,000	34.0	10,500,000
Yuma	170,500	11,500	67.5	775,000	133,500	33.0	4,400,000	145,000	35.5	5,175,000
East Central	1,760,000	65,000	59.5	3,870,000	1,565,000	37.5	59,000,000	1,630,000	38.5	62,870,000
Archuleta ...	...	...	...	...	...	...	...	...	...	...
Delta	300	300	106.5	32,000	...	...	...	300	106.5	32,000
Dolores	14,900	200	60.0	12,000	13,800	14.5	200,000	14,000	15.0	212,000
Garfield	1,300	300	60.0	18,000	900	23.5	21,000	1,200	32.5	39,000
Hinsdale ....	...	...	...	...	...	...	...	...	...	...
La Plata	3,000	...	...	...	2,500	24.0	60,000	2,500	24.0	60,000
Mesa	4,000	4,000	112.5	450,000	...	...	...	4,000	112.5	450,000
Montezuma ..	6,300	1,200	54.0	65,000	4,800	37.0	177,000	6,000	40.5	242,000
Montrose ...	1,000	1,000	83.0	83,000	...	...	...	1,000	83.0	83,000
Ouray .....	...	...	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...	...	...
San Miguel ..	3,200	...	...	...	3,000	20.5	62,000	3,000	20.5	62,000
Southwest	34,000	7,000	94.5	660,000	25,000	21.0	520,000	32,000	37.0	1,180,000
Alamosa	600	600	100.0	60,000	...	...	...	600	100.0	60,000
Conejos .....	...	...	...	...	...	...	...	...	...	...
Costilla	600	600	91.5	55,000	...	...	...	600	91.5	55,000
Mineral .....	...	...	...	...	...	...	...	...	...	...
Rio Grande ..	800	800	112.5	90,000	...	...	...	800	112.5	90,000
Saguache ...	1,000	1,000	115.0	115,000	...	...	...	1,000	115.0	115,000
San Luis Valley	3,000	3,000	106.5	320,000	...	...	...	3,000	106.5	320,000
Baca	194,000	21,000	66.5	1,400,000	159,000	32.5	5,200,000	180,000	36.5	6,600,000
Bent	7,100	3,000	75.0	225,000	4,000	45.0	180,000	7,000	58.0	405,000
Crowley	4,500	...	...	...	4,000	30.0	120,000	4,000	30.0	120,000
Custer .....	...	...	...	...	...	...	...	...	...	...
Fremont ....	...	...	...	...	...	...	...	...	...	...
Huerfano ....	...	...	...	...	...	...	...	...	...	...
Las Animas ..	4,100	...	...	...	4,000	20.0	80,000	4,000	20.0	80,000
Otero	6,000	6,000	83.5	500,000	...	...	...	6,000	83.5	500,000
Prowers	132,000	11,500	73.0	840,000	113,500	46.0	5,240,000	125,000	48.5	6,080,000
Pueblo	4,300	500	70.0	35,000	3,500	51.5	180,000	4,000	54.0	215,000
Southeast	352,000	42,000	71.5	3,000,000	288,000	38.0	11,000,000	330,000	42.5	14,000,000
State Total	2,750,000	160,000	69.0	11,050,000	2,390,000	37.0	88,400,000	2,550,000	39.0	99,450,000

A map of Colorado showing its county boundaries and names. The counties are labeled as follows: Moffat, Routt, Jackson, Larimer, Weld, Logan, Sedgwick, Phillips, Rio Blanco, Grand, Boulder, Morgan, Washington, Yuma, Garfield, Eagle, Summit, Clear Creek, Jefferson, Adams, Arapahoe, Elbert, Douglas, Kit Carson, Cheyenne, Mesa, Delta, Pitkin, Lake, Park, Teller, El Paso, Lincoln, Gunnison, Chaffee, Fremont, Pueblo, Montrose, Saguahe, Custer, Kiowa, Prowers, San Miguel, Ouray, San Juan, Hinsdale, Mineral, Rio Grande, Alamosa, Huerfano, Montezuma, La Plata, Archuleta, Conejos, Costilla, Las Animas, Bent, Otero, and Crowley. The map also features five numbered regions: 1 is located in the northeast corner (Kit Carson, Cheyenne, Kiowa, Prowers); 2 is in the north-central area (Washington, Adams, Arapahoe, Elbert); 3 is in the southeast corner (Las Animas, Bent, Prowers); 4 is in the south-central area (Kiowa, Prowers, Bent, Otero, Crowley); and 5 is in the central area (Adams, Arapahoe, Elbert, Douglas, Teller, El Paso).

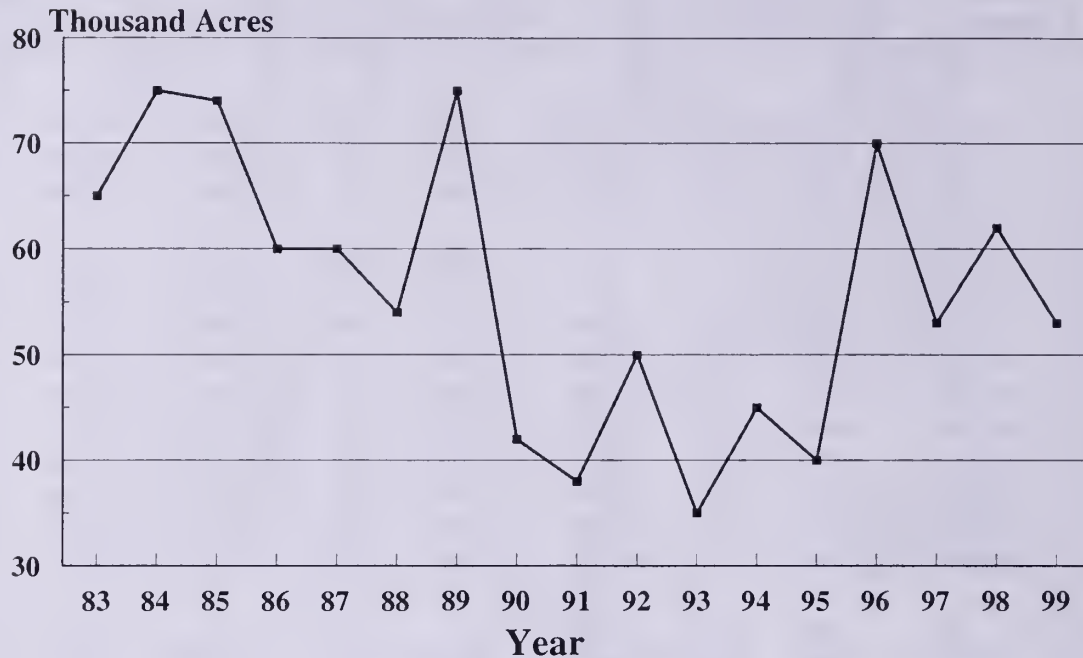
 UNDER 100,000
  100,000-999,999
  1,000,000-5,999,999
  6,000,000 PLUS

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	21,000	...	...	...	20,000	29.5	590,000	20,000	29.5	590,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	1,000	...	...	...	1,000	25.0	25,000	1,000	25.0	25,000
Routt	10,000	...	...	...	9,000	31.5	285,000	9,000	31.5	285,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	32,000	...	...	...	30,000	30.0	900,000	30,000	30.0	900,000
Boulder	10,000	2,000	80.0	160,000	8,000	37.5	300,000	10,000	46.0	460,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	15,500	3,000	53.5	160,000	12,000	29.0	350,000	15,000	34.0	510,000
Logan	162,000	6,500	64.5	420,000	143,500	41.5	5,950,000	150,000	42.5	6,370,000
Morgan	73,500	12,000	79.0	950,000	58,000	38.0	2,215,000	70,000	45.0	3,165,000
Sedgwick . . .	87,000	5,000	72.0	360,000	80,000	47.5	3,785,000	85,000	49.0	4,145,000
Weld	147,000	14,500	84.0	1,220,000	125,500	39.0	4,900,000	140,000	43.5	6,120,000
Northeast	495,000	43,000	76.0	3,270,000	427,000	41.0	17,500,000	470,000	44.0	20,770,000

Winter Wheat: Acreage and production by county and district, Colorado, 1999, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	202,500	3,000	54.5	163,000	157,000	40.0	6,280,000	160,000	40.5	6,443,000
Arapahoe . . .	81,500	500	60.0	30,000	64,500	32.0	2,070,000	65,000	32.5	2,100,000
Cheyenne . . .	165,500	2,500	58.0	145,000	152,500	41.0	6,240,000	155,000	41.0	6,385,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	5,500	...	...	...	4,000	20.0	80,000	4,000	20.0	80,000
Elbert	32,000	...	...	...	30,000	40.5	1,220,000	30,000	40.5	1,220,000
El Paso	1,000	500	60.0	30,000	500	20.0	10,000	1,000	40.0	40,000
Kiowa	195,500	1,500	58.0	87,000	188,500	43.5	8,180,000	190,000	43.5	8,267,000
Kit Carson . .	287,500	27,000	61.5	1,655,000	233,000	45.5	10,580,000	260,000	47.0	12,235,000
Lincoln	141,500	1,000	60.0	60,000	134,000	45.5	6,080,000	135,000	45.5	6,140,000
Phillips	117,000	4,000	62.5	250,000	111,000	44.0	4,870,000	115,000	44.5	5,120,000
Washington . .	309,000	8,000	64.0	510,000	272,000	38.0	10,290,000	280,000	38.5	10,800,000
Yuma	151,500	12,000	68.5	820,000	123,000	43.0	5,300,000	135,000	45.5	6,120,000
East Central	1,690,000	60,000	62.5	3,750,000	1,470,000	41.5	61,200,000	1,530,000	42.5	64,950,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	300	300	106.5	32,000	...	...	...	300	106.5	32,000
Dolores	11,900	400	105.0	42,000	10,600	23.0	245,000	11,000	26.0	287,000
Garfield	1,200	...	...	...	1,200	41.5	50,000	1,200	41.5	50,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	3,100	...	...	...	2,500	22.0	55,000	2,500	22.0	55,000
Mesa	3,000	3,000	105.0	315,000	...	...	...	3,000	105.0	315,000
Montezuma . .	6,500	300	103.5	31,000	4,700	32.0	150,000	5,000	36.0	181,000
Montrose . . .	1,000	1,000	120.0	120,000	...	...	...	1,000	120.0	120,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	3,000	...	...	...	3,000	33.5	100,000	3,000	33.5	100,000
Southwest	30,000	5,000	108.0	540,000	22,000	27.5	600,000	27,000	42.0	1,140,000
Alamosa	500	500	106.0	53,000	...	...	...	500	106.0	53,000
Conejos . . . .	...	...	...	...	...	...	...	...	...	...
Costilla	500	500	104.0	52,000	...	...	...	500	104.0	52,000
Mineral . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	500	500	100.0	50,000	...	...	...	500	100.0	50,000
Saguache . . .	1,500	1,500	116.5	175,000	...	...	...	1,500	116.5	175,000
San Luis Valley	3,000	3,000	110.0	330,000	...	...	...	3,000	110.0	330,000
Baca	195,000	21,000	68.0	1,430,000	169,000	43.5	7,350,000	190,000	46.0	8,780,000
Bent	8,500	3,000	56.5	170,000	5,500	34.5	190,000	8,500	42.5	360,000
Crowley	4,500	...	...	...	4,500	33.5	150,000	4,500	33.5	150,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	4,000	...	...	...	3,000	33.5	100,000	3,000	33.5	100,000
Otero	6,500	6,500	77.0	500,000	...	...	...	6,500	77.0	500,000
Prowers	126,000	18,000	54.5	980,000	104,000	39.0	4,050,000	122,000	41.0	5,030,000
Pueblo	5,500	500	60.0	30,000	5,000	32.0	160,000	5,500	34.5	190,000
Southeast	350,000	49,000	63.5	3,110,000	291,000	41.0	12,000,000	340,000	44.5	15,110,000
State Total	2,600,000	160,000	69.0	11,000,000	2,240,000	41.0	92,200,000	2,400,000	43.0	103,200,000

Spring Wheat: Planted Acres, Colorado, 1983-99 (000 Acres)



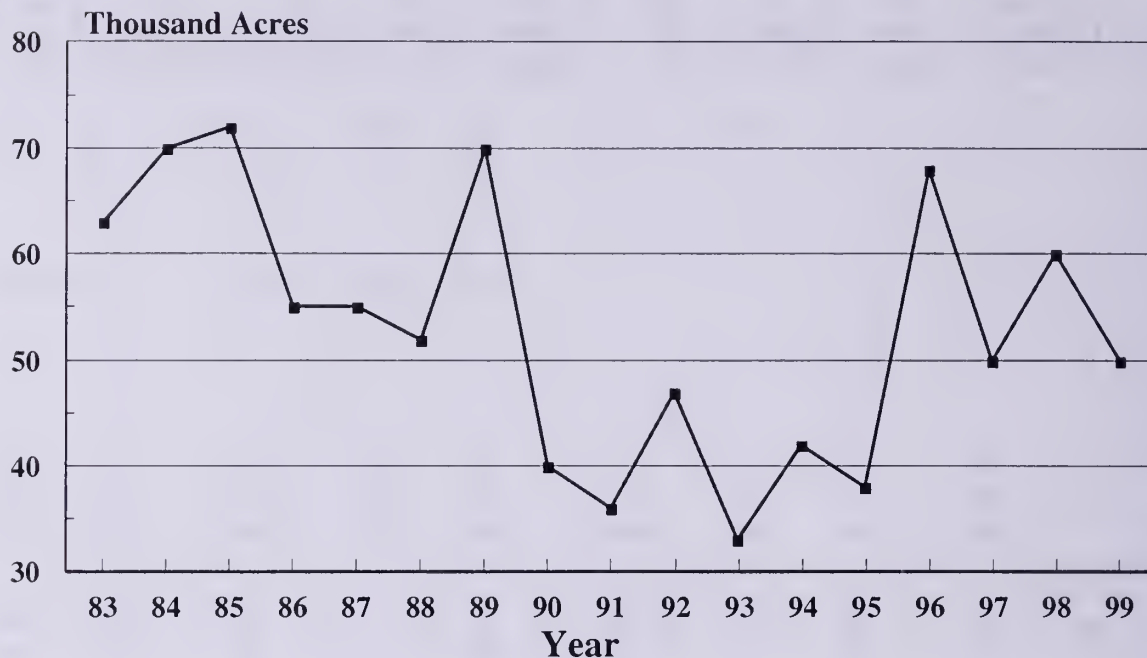
Spring Wheat: Acreage and production by county and district, Colorado, 1994

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee .....	...	...	...	...	...	...	...	...	...	...
Clear Creek ..	...	...	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...	...	...
Gunnison ...	...	...	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...	...
Moffat	2,400	...	...	...	2,200	15.0	33,000	2,200	15.0	33,000
Park .....	...	...	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...	...	...
Rio Blanco ..	300	...	...	...	300	13.5	4,000	300	13.5	4,000
Routt	2,100	...	...	...	2,000	18.5	37,000	2,000	18.5	37,000
Summit .....	...	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...	...
NW & Mountain	4,800	...	...	...	4,500	16.5	74,000	4,500	16.5	74,000
Boulder	500	500	62.0	31,000	...	...	...	500	62.0	31,000
Jefferson ....	...	...	...	...	...	...	...	...	...	...
Larimer	1,000	1,000	64.0	64,000	...	...	...	1,000	64.0	64,000
Logan .....	...	...	...	...	...	...	...	...	...	...
Morgan .....	...	...	...	...	...	...	...	...	...	...
Sedgwick ...	...	...	...	...	...	...	...	...	...	...
Weld	4,000	2,700	57.5	155,000	800	14.0	11,000	3,500	47.5	166,000
Northeast	5,500	4,200	59.5	250,000	800	14.0	11,000	5,000	52.0	261,000

Spring Wheat: Acreage and production by county and district, Colorado, 1994, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	1,000	200	30.0	6,000	700	18.5	13,000	900	21.0	19,000
Arapahoe . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne . . .	...	...	...	...	...	...	...	...	...	...
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	100	...	...	...	100	20.0	2,000	100	20.0	2,000
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson . .	...	...	...	...	...	...	...	...	...	...
Lincoln . . . .	...	...	...	...	...	...	...	...	...	...
Phillips . . . .	...	...	...	...	...	...	...	...	...	...
Washington . .	400	...	...	...	300	23.5	7,000	300	23.5	7,000
Yuma	200	...	...	...	200	25.0	5,000	200	25.0	5,000
East Central	1,700	200	30.0	6,000	1,300	21.0	27,000	1,500	22.0	33,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	300	300	56.5	17,000	...	...	...	300	56.5	17,000
Dolores	400	...	...	...	400	20.0	8,000	400	20.0	8,000
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . .	...	...	...	...	...	...	...	...	...	...
Mesa	400	400	55.0	22,000	...	...	...	400	55.0	22,000
Montezuma . .	500	...	...	...	500	22.0	11,000	500	22.0	11,000
Montrose . . .	900	900	64.5	58,000	...	...	...	900	64.5	58,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	2,500	1,600	60.5	97,000	900	21.0	19,000	2,500	46.5	116,000
Alamosa	5,300	5,000	105.0	525,000	...	...	...	5,000	105.0	525,000
Conejos	500	500	90.0	45,000	...	...	...	500	90.0	45,000
Costilla	2,100	2,000	97.5	195,000	...	...	...	2,000	97.5	195,000
Mineral . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	10,000	9,500	91.0	865,000	...	...	...	9,500	91.0	865,000
Saguache . . .	12,600	11,500	97.5	1,120,000	...	...	...	11,500	97.5	1,120,000
San Luis Valley	30,500	28,500	96.5	2,750,000	...	...	...	28,500	96.5	2,750,000
Baca . . . . .	...	...	...	...	...	...	...	...	...	...
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	...	...	...	...	...	...	...	...	...	...
Otero . . . . .	...	...	...	...	...	...	...	...	...	...
Prowers . . . .	...	...	...	...	...	...	...	...	...	...
Pueblo . . . . .	...	...	...	...	...	...	...	...	...	...
Southeast	...	...	...	...	...	...	...	...	...	...
State Total	45,000	34,500	90.0	3,103,000	7,500	17.5	131,000	42,000	77.0	3,234,000

Spring Wheat: Harvested Acres, Colorado, 1983-99 (000 Acres)



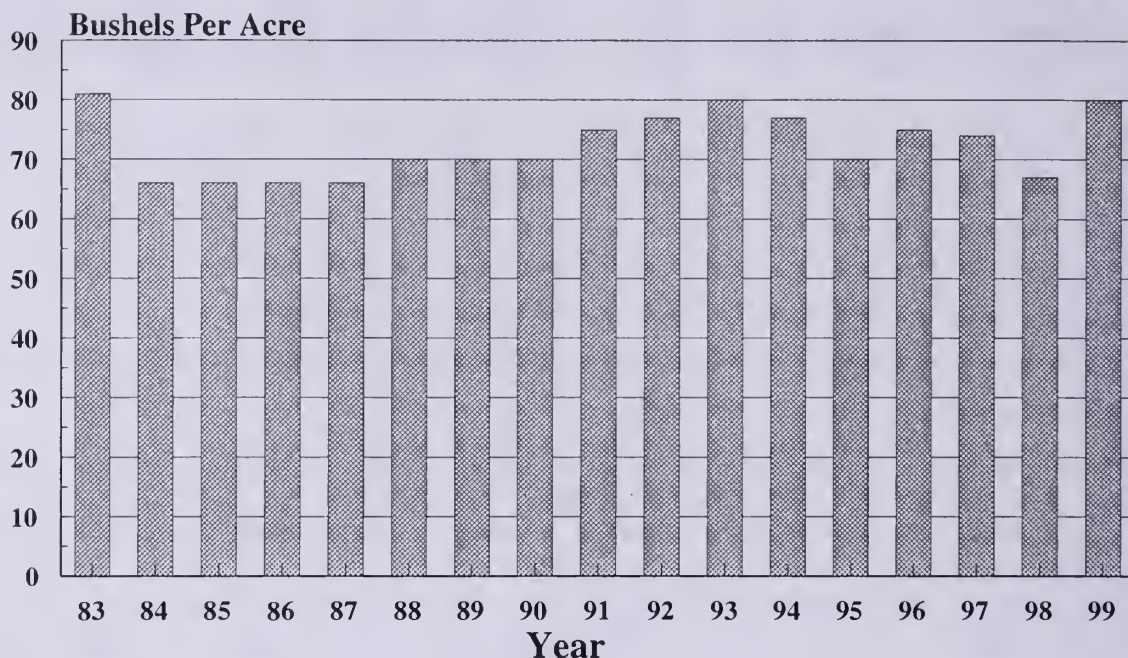
Spring Wheat: Acreage and production by county and district, Colorado, 1995

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek ..	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	3,100	...	...	...	2,300	13.5	31,000	2,300	13.5	31,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco ..	...	...	...	...	...	...	...	...	...	...
Routt	1,500	...	...	...	1,400	24.5	34,000	1,400	24.5	34,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	4,600	...	...	...	3,700	17.5	65,000	3,700	17.5	65,000
Boulder	600	600	58.5	35,000	...	...	...	600	58.5	35,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	500	500	46.0	23,000	...	...	...	500	46.0	23,000
Logan . . . . .	...	...	...	...	...	...	...	...	...	...
Morgan	600	600	56.5	34,000	...	...	...	600	56.5	34,000
Sedgwick . . .	...	...	...	...	...	...	...	...	...	...
Weld	4,300	3,300	67.5	223,000	1,000	30.0	30,000	4,300	59.0	253,000
Northeast	6,000	5,000	63.0	315,000	1,000	30.0	30,000	6,000	57.5	345,000

Spring Wheat: Acreage and production by county and district, Colorado, 1995, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	1,600	300	50.0	15,000	1,200	29.0	35,000	1,500	33.5	50,000
Arapahoe . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne . . .	...	...	...	...	...	...	...	...	...	...
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert . . . . .	...	...	...	...	...	...	...	...	...	...
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson . .	...	...	...	...	...	...	...	...	...	...
Lincoln . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips . . . .	...	...	...	...	...	...	...	...	...	...
Washington . .	800	...	...	...	800	31.5	25,000	800	31.5	25,000
Yuma . . . . .	...	...	...	...	...	...	...	...	...	...
East Central	2,400	300	50.0	15,000	2,000	30.0	60,000	2,300	32.5	75,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	300	300	83.5	25,000	...	...	...	300	83.5	25,000
Dolores	1,200	...	...	...	1,200	16.5	20,000	1,200	16.5	20,000
Garfield	200	...	...	...	200	20.0	4,000	200	20.0	4,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	200	...	...	...	200	15.0	3,000	200	15.0	3,000
Mesa	300	300	80.0	24,000	...	...	...	300	80.0	24,000
Montezuma . . .	...	...	...	...	...	...	...	...	...	...
Montrose	800	600	85.0	51,000	200	15.0	3,000	800	67.5	54,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	3,000	1,200	83.5	100,000	1,800	16.5	30,000	3,000	43.5	130,000
Alamosa	5,400	5,300	78.0	414,000	...	...	...	5,300	78.0	414,000
Conejos	800	700	80.0	56,000	...	...	...	700	80.0	56,000
Costilla	2,100	2,000	72.5	145,000	...	...	...	2,000	72.5	145,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	7,500	7,000	101.5	710,000	...	...	...	7,000	101.5	710,000
Saguache	8,200	8,000	90.0	720,000	...	...	...	8,000	90.0	720,000
San Luis Valley	24,000	23,000	89.0	2,045,000	...	...	...	23,000	89.0	2,045,000
Baca . . . . .	...	...	...	...	...	...	...	...	...	...
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	...	...	...	...	...	...	...	...	...	...
Otero . . . . .	...	...	...	...	...	...	...	...	...	...
Prowers . . . . .	...	...	...	...	...	...	...	...	...	...
Pueblo . . . . .	...	...	...	...	...	...	...	...	...	...
Southeast	...	...	...	...	...	...	...	...	...	...
State Total	40,000	29,500	84.0	2,475,000	8,500	22.0	185,000	38,000	70.0	2,660,000

Spring Wheat: Yield Per Acre, Colorado, 1983-99 (Bushels Per Acre)



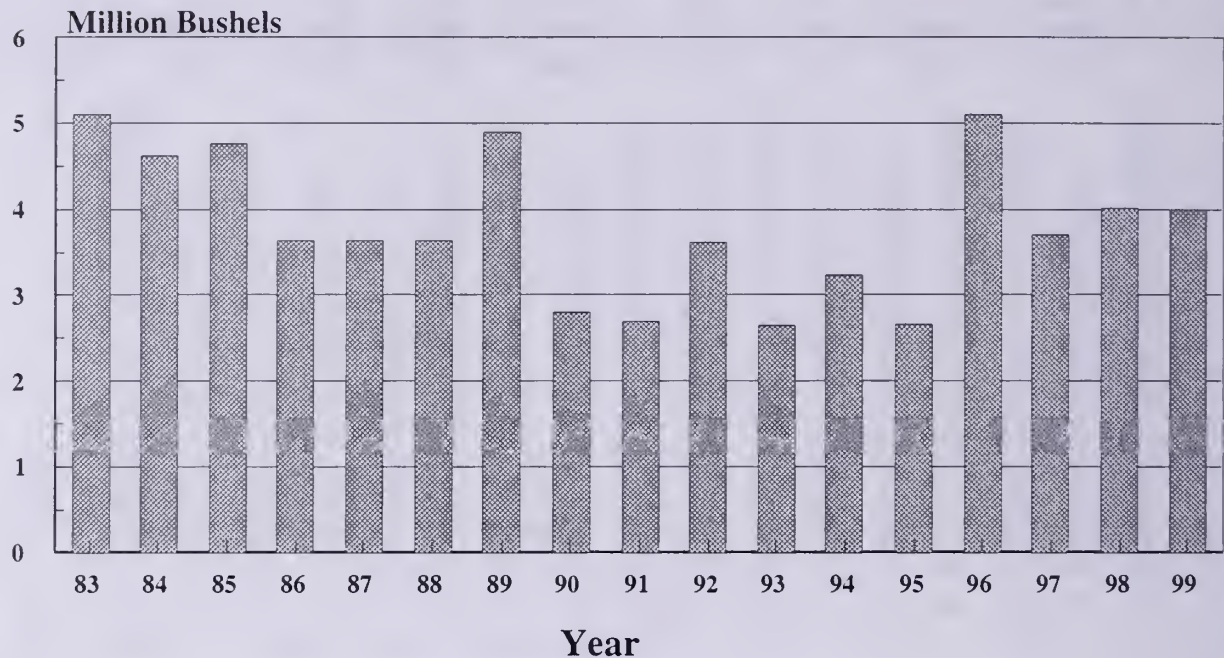
Spring Wheat: Acreage and production by county and district, Colorado, 1996

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	3,600	...	...	...	3,500	16.5	58,000	3,500	16.5	58,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	500	...	...	...	500	18.0	9,000	500	18.0	9,000
Routt	2,000	...	...	...	2,000	21.5	43,000	2,000	21.5	43,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	6,100	...	...	...	6,000	18.5	110,000	6,000	18.5	110,000
Boulder	1,000	1,000	50.0	50,000	...	...	...	1,000	50.0	50,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	2,000	1,000	66.0	66,000	1,000	42.0	42,000	2,000	54.0	108,000
Logan	1,000	...	...	...	1,000	31.0	31,000	1,000	31.0	31,000
Morgan	1,000	600	48.5	29,000	400	17.5	7,000	1,000	36.0	36,000
Sedgwick . . .	...	...	...	...	...	...	...	...	...	...
Weld	7,300	4,400	44.5	195,000	1,600	19.0	30,000	6,000	37.5	225,000
Northeast	12,300	7,000	48.5	340,000	4,000	27.5	110,000	11,000	41.0	450,000

Spring Wheat: Acreage and production by county and district, Colorado, 1996, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	1,100	...	...	...	1,000	20.0	20,000	1,000	20.0	20,000
Arapahoe . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne . . .	...	...	...	...	...	...	...	...	...	...
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert . . . . .	...	...	...	...	...	...	...	...	...	...
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson . .	...	...	...	...	...	...	...	...	...	...
Lincoln . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips . . . .	...	...	...	...	...	...	...	...	...	...
Washington . .	2,000	...	...	...	2,000	16.0	32,000	2,000	16.0	32,000
Yuma	1,100	...	...	...	1,000	18.0	18,000	1,000	18.0	18,000
East Central	4,200	...	...	...	4,000	17.5	70,000	4,000	17.5	70,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	1,000	1,000	70.0	70,000	...	...	...	1,000	70.0	70,000
Dolores	1,000	...	...	...	1,000	10.0	10,000	1,000	10.0	10,000
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...	...	...
Mesa . . . . .	...	...	...	...	...	...	...	...	...	...
Montezuma . . .	...	...	...	...	...	...	...	...	...	...
Montrose . . .	2,100	2,000	77.5	155,000	...	...	...	2,000	77.5	155,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	4,100	3,000	75.0	225,000	1,000	10.0	10,000	4,000	59.0	235,000
Alamosa	8,100	8,000	104.5	837,000	...	...	...	8,000	104.5	837,000
Conejos	1,000	1,000	86.0	86,000	...	...	...	1,000	86.0	86,000
Costilla	3,000	3,000	72.5	218,000	...	...	...	3,000	72.5	218,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	14,100	14,000	101.0	1,417,000	...	...	...	14,000	101.0	1,417,000
Saguache . . .	17,100	17,000	98.5	1,677,000	...	...	...	17,000	98.5	1,677,000
San Luis Valley	43,300	43,000	98.5	4,235,000	...	...	...	43,000	98.5	4,235,000
Baca . . . . .	...	...	...	...	...	...	...	...	...	...
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	...	...	...	...	...	...	...	...	...	...
Otero . . . . .	...	...	...	...	...	...	...	...	...	...
Prowers . . . . .	...	...	...	...	...	...	...	...	...	...
Pueblo . . . . .	...	...	...	...	...	...	...	...	...	...
Southeast	...	...	...	...	...	...	...	...	...	...
State Total	70,000	53,000	90.5	4,800,000	15,000	20.0	300,000	68,000	75.0	5,100,000

Spring Wheat: Production, Colorado, 1983-99 (Million Bushels)



Spring Wheat: Acreage and production by county and district, Colorado, 1997

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee .....	...	...	...	...	...	...	...	...	...	...
Clear Creek ..	...	...	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...	...	...
Gunnison ...	...	...	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...	...
Moffat	500	...	...	...	500	14.0	7,000	500	14.0	7,000
Park .....	...	...	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...	...	...
Rio Blanco ..	400	...	...	...	400	22.5	9,000	400	22.5	9,000
Routt	500	...	...	...	400	25.0	10,000	400	25.0	10,000
Summit .....	...	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...	...
NW & Mountain	1,400	...	...	...	1,300	20.0	26,000	1,300	20.0	26,000
Boulder	400	...	...	...	300	13.5	4,000	300	13.5	4,000
Jefferson ....	...	...	...	...	...	...	...	...	...	...
Larimer	1,300	1,200	55.0	66,000	...	...	...	1,200	55.0	66,000
Logan	1,600	700	40.0	28,000	600	13.5	8,000	1,300	27.5	36,000
Morgan	1,100	500	80.0	40,000	500	14.0	7,000	1,000	47.0	47,000
Sedgwick ...	...	...	...	...	...	...	...	...	...	...
Weld	4,300	3,000	45.5	136,000	1,000	15.0	15,000	4,000	38.0	151,000
Northeast	8,700	5,400	50.0	270,000	2,400	14.0	34,000	7,800	39.0	304,000

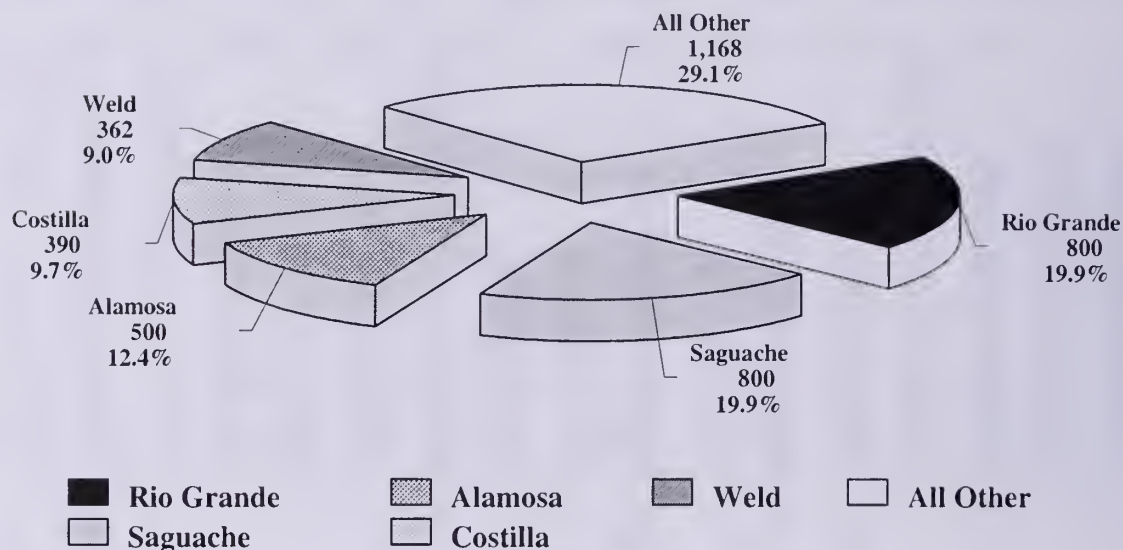
Spring Wheat: Acreage and production by county and district, Colorado, 1997, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	1,600	600	36.5	22,000	900	16.5	15,000	1,500	24.5	37,000
Arapahoe . . . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne . . . . .	...	...	...	...	...	...	...	...	...	...
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	500	...	...	...	400	15.0	6,000	400	15.0	6,000
Elbert	700	...	...	...	600	15.0	9,000	600	15.0	9,000
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa	700	...	...	...	500	14.0	7,000	500	14.0	7,000
Kit Carson	200	200	40.0	8,000	...	...	...	200	40.0	8,000
Lincoln . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	400	...	...	...	300	16.5	5,000	300	16.5	5,000
Washington	500	...	...	...	400	20.0	8,000	400	20.0	8,000
Yuma	400	300	40.0	12,000	...	...	...	300	40.0	12,000
East Central	5,000	1,100	38.0	42,000	3,100	16.0	50,000	4,200	22.0	92,000
Archuleta . . . . .	...	...	...	...	...	...	...	...	...	...
Delta	300	300	80.0	24,000	...	...	...	300	80.0	24,000
Dolores	1,300	300	70.0	21,000	1,000	15.0	15,000	1,300	27.5	36,000
Garfield . . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	300	300	60.0	18,000	...	...	...	300	60.0	18,000
Mesa	200	200	90.0	18,000	...	...	...	200	90.0	18,000
Montezuma	400	400	77.5	31,000	...	...	...	400	77.5	31,000
Montrose	900	500	96.0	48,000	200	15.0	3,000	700	73.0	51,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . . . .	...	...	...	...	...	...	...	...	...	...
Southwest	3,400	2,000	80.0	160,000	1,200	15.0	18,000	3,200	55.5	178,000
Alamosa	8,000	7,300	88.5	645,000	...	...	...	7,300	88.5	645,000
Conejos	2,500	2,400	89.5	215,000	...	...	...	2,400	89.5	215,000
Costilla	4,200	4,100	86.5	355,000	...	...	...	4,100	86.5	355,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande	9,400	9,300	96.0	895,000	...	...	...	9,300	96.0	895,000
Saguache	10,400	10,400	95.0	990,000	...	...	...	10,400	95.0	990,000
San Luis Valley	34,500	33,500	92.5	3,100,000	...	...	...	33,500	92.5	3,100,000
Baca . . . . .	...	...	...	...	...	...	...	...	...	...
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . . . . .	...	...	...	...	...	...	...	...	...	...
Otero . . . . .	...	...	...	...	...	...	...	...	...	...
Prowers . . . . .	...	...	...	...	...	...	...	...	...	...
Pueblo . . . . .	...	...	...	...	...	...	...	...	...	...
Southeast	...	...	...	...	...	...	...	...	...	...
State Total	53,000	42,000	85.0	3,572,000	8,000	16.0	128,000	50,000	74.0	3,700,000

Spring Wheat Production - 1998 Crop

Top Five Counties, Colorado

Production in 1,000 Bushels and Percent of Total



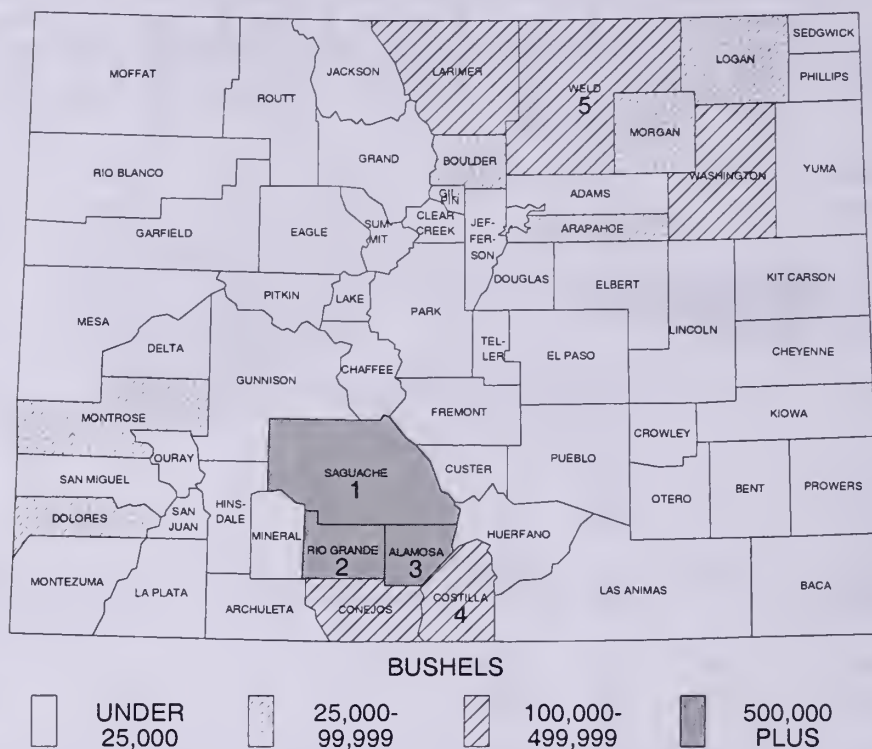
Spring Wheat: Acreage and production by county and district, Colorado, 1998

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	1,300	...	...	...	1,300	27.0	35,000	1,300	27.0	35,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	600	...	...	...	500	26.0	13,000	500	26.0	13,000
Routt	1,200	...	...	...	1,200	24.0	29,000	1,200	24.0	29,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	3,100	...	...	...	3,000	25.5	77,000	3,000	25.5	77,000
Boulder	700	500	80.0	40,000	200	30.0	6,000	700	65.5	46,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	1,000	1,000	60.0	60,000	...	...	...	1,000	60.0	60,000
Logan	1,000	800	50.0	40,000	200	35.0	7,000	1,000	47.0	47,000
Morgan	1,400	1,200	60.0	72,000	200	35.0	7,000	1,400	56.5	79,000
Sedgwick . . .	...	...	...	...	...	...	...	...	...	...
Weld	4,900	4,500	77.5	348,000	400	35.0	14,000	4,900	74.0	362,000
Northeast	9,000	8,000	70.0	560,000	1,000	34.0	34,000	9,000	66.0	594,000

Spring Wheat: Acreage and production by county and district, Colorado, 1998, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	1,200	400	65.0	26,000	700	34.5	24,000	1,100	45.5	50,000
Arapahoe . . .	15,000	...	...	...	15,000	17.5	260,000	15,000	17.5	260,000
Cheyenne . . .	...	...	...	...	...	...	...	...	...	...
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	400	...	...	...	300	26.5	8,000	300	26.5	8,000
Elbert	600	...	...	...	500	30.0	15,000	500	30.0	15,000
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa	700	...	...	...	500	26.0	13,000	500	26.0	13,000
Kit Carson . .	...	...	...	...	...	...	...	...	...	...
Lincoln . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	300	...	...	...	...	...	...	...	...	...
Washington . .	900	600	40.0	24,000	...	...	...	600	40.0	24,000
Yuma . . . . .	...	...	...	...	...	...	...	...	...	...
East Central	19,100	1,000	50.0	50,000	17,000	19.0	320,000	18,000	20.5	370,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	600	500	76.0	38,000	...	...	...	500	76.0	38,000
Dolores	1,300	500	60.0	30,000	700	8.5	6,000	1,200	30.0	36,000
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	900	800	65.0	52,000	...	...	...	800	65.0	52,000
Mesa	600	500	80.0	40,000	...	...	...	500	80.0	40,000
Montezuma . . .	600	500	80.0	40,000	...	...	...	500	80.0	40,000
Montrose	1,800	1,200	83.5	100,000	300	10.0	3,000	1,500	68.5	103,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . .	...	...	...	...	...	...	...	...	...	...
Southwest	5,800	4,000	75.0	300,000	1,000	9.0	9,000	5,000	62.0	309,000
Alamosa	4,500	4,500	111.0	500,000	...	...	...	4,500	111.0	500,000
Conejos	1,700	1,700	106.0	180,000	...	...	...	1,700	106.0	180,000
Costilla	3,400	3,400	114.5	390,000	...	...	...	3,400	114.5	390,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . . .	7,500	7,500	106.5	800,000	...	...	...	7,500	106.5	800,000
Saguache	7,900	7,900	101.5	800,000	...	...	...	7,900	101.5	800,000
San Luis Valley	25,000	25,000	107.0	2,670,000	...	...	...	25,000	107.0	2,670,000
Baca . . . . .	...	...	...	...	...	...	...	...	...	...
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . . .	...	...	...	...	...	...	...	...	...	...
Otero . . . . .	...	...	...	...	...	...	...	...	...	...
Prowers . . . . .	...	...	...	...	...	...	...	...	...	...
Pueblo . . . . .	...	...	...	...	...	...	...	...	...	...
Southeast	...	...	...	...	...	...	...	...	...	...
State Total	62,000	38,000	94.0	3,580,000	22,000	20.0	440,000	60,000	67.0	4,020,000

Spring Wheat: Production by County, Colorado, 1999 with Ranking of First Five Counties



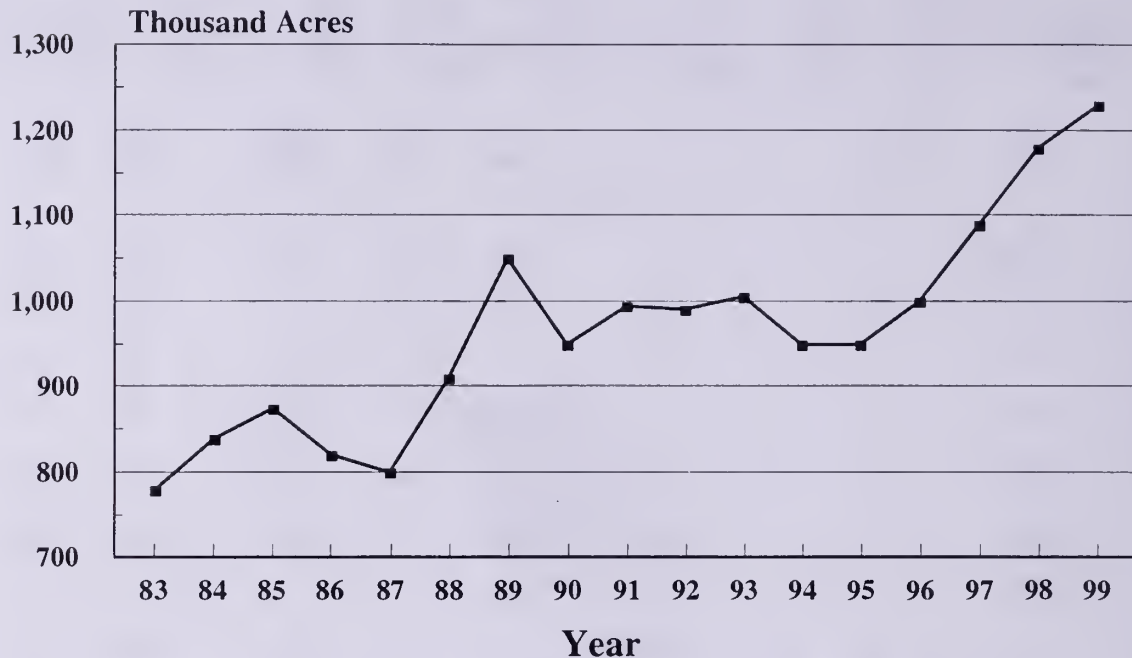
Spring Wheat: Acreage and production by county and district, Colorado, 1999

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	300	...	...	...	300	26.5	8,000	300	26.5	8,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	...	...	...	...	...	...	...	...	...	...
Routt	800	...	...	...	700	21.5	15,000	700	21.5	15,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	1,100	...	...	...	1,000	23.0	23,000	1,000	23.0	23,000
Boulder	400	400	87.5	35,000	...	...	...	400	87.5	35,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	1,600	1,500	93.5	140,000	...	...	...	1,500	93.5	140,000
Logan	700	500	80.0	40,000	...	...	...	500	80.0	40,000
Morgan	400	400	87.5	35,000	...	...	...	400	87.5	35,000
Sedgwick . . .	...	...	...	...	...	...	...	...	...	...
Weld	3,400	2,200	86.5	190,000	1,000	28.0	28,000	3,200	68.0	218,000
Northeast	6,500	5,000	88.0	440,000	1,000	28.0	28,000	6,000	78.0	468,000

Spring Wheat: Acreage and production by county and district, Colorado, 1999, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	800	...	...	...	800	20.0	16,000	800	20.0	16,000
Arapahoe . . .	2,000	...	...	...	2,000	15.0	30,000	2,000	15.0	30,000
Cheyenne . . .	...	...	...	...	...	...	...	...	...	...
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	600	...	...	...	500	32.0	16,000	500	32.0	16,000
Elbert	400	...	...	...	300	20.0	6,000	300	20.0	6,000
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa	700	...	...	...	600	25.0	15,000	600	25.0	15,000
Kit Carson . .	...	...	...	...	...	...	...	...	...	...
Lincoln	800	...	...	...	800	15.0	12,000	800	15.0	12,000
Phillips . . . .	...	...	...	...	...	...	...	...	...	...
Washington . .	3,700	500	40.0	20,000	2,500	32.0	80,000	3,000	33.5	100,000
Yuma . . . . .	...	...	...	...	...	...	...	...	...	...
East Central	9,000	500	40.0	20,000	7,500	23.5	175,000	8,000	24.5	195,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores	1,200	400	80.0	32,000	600	15.0	9,000	1,000	41.0	41,000
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . .	...	...	...	...	...	...	...	...	...	...
Mesa	200	200	90.0	18,000	...	...	...	200	90.0	18,000
Montezuma . .	...	...	...	...	...	...	...	...	...	...
Montrose . . .	500	400	100.0	40,000	...	...	...	400	100.0	40,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan	500	...	...	...	400	12.5	5,000	400	12.5	5,000
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	2,400	1,000	90.0	90,000	1,000	14.0	14,000	2,000	52.0	104,000
Alamosa	5,000	5,000	100.0	500,000	...	...	...	5,000	100.0	500,000
Conejos	2,100	2,000	75.0	150,000	...	...	...	2,000	75.0	150,000
Costilla	6,300	6,000	78.5	470,000	...	...	...	6,000	78.5	470,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	9,300	9,000	100.0	900,000	...	...	...	9,000	100.0	900,000
Saguache . . .	11,300	11,000	108.0	1,190,000	...	...	...	11,000	108.0	1,190,000
San Luis Valley	34,000	33,000	97.5	3,210,000	...	...	...	33,000	97.5	3,210,000
Baca . . . . .	...	...	...	...	...	...	...	...	...	...
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	...	...	...	...	...	...	...	...	...	...
Otero . . . . .	...	...	...	...	...	...	...	...	...	...
Prowers . . . . .	...	...	...	...	...	...	...	...	...	...
Pueblo . . . . .	...	...	...	...	...	...	...	...	...	...
Southeast	...	...	...	...	...	...	...	...	...	...
State Total	53,000	39,500	95.0	3,760,000	10,500	23.0	240,000	50,000	80.0	4,000,000

Corn: Planted For All Purposes, Colorado, 1983-99 (000 Acres)



Corn for Grain: Acreage and production by county and district, Colorado, 1994

County and District	Acreage planted <u>1/</u>	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee .....	...	...	...	...	...	...	...	...	...	...
Clear Creek ..	...	...	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...	...	...
Gunnison ...	...	...	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...	...	...
Rio Blanco ..	...	...	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder	7,300	6,000	141.5	850,000	...	...	...	6,000	141.5	850,000
Jefferson .....	...	...	...	...	...	...	...	...	...	...
Larimer	21,600	13,000	144.0	1,875,000	300	33.5	10,000	13,300	141.5	1,885,000
Logan	67,700	46,000	149.0	6,850,000	13,500	40.5	550,000	59,500	124.5	7,400,000
Morgan	86,400	72,500	159.5	11,570,000	6,500	27.0	175,000	79,000	148.5	11,745,000
Sedgwick ...	43,100	33,500	162.0	5,430,000	8,000	40.5	325,000	41,500	138.5	5,755,000
Weld	140,900	104,000	152.0	15,825,000	700	28.5	20,000	104,700	151.5	15,845,000
Northeast	367,000	275,000	154.0	42,400,000	29,000	37.0	1,080,000	304,000	143.0	43,480,000

1/ Planted for all purposes.

Corn for Grain: Acreage and production by county and district, Colorado, 1994, continued

County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	12,600	8,500	142.5	1,210,000	1,500	23.5	35,000	10,000	124.5	1,245,000
Arapahoe . . .	1,700	400	137.5	55,000	500	30.0	15,000	900	78.0	70,000
Cheyenne . . .	12,100	9,000	174.5	1,570,000	2,500	56.0	140,000	11,500	148.5	1,710,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert . . . . .	...	...	...	...	...	...	...	...	...	...
El Paso	800	300	116.5	35,000	...	...	...	300	116.5	35,000
Kiowa	2,900	1,800	116.5	210,000	1,000	30.0	30,000	2,800	85.5	240,000
Kit Carson . .	98,800	81,500	171.5	13,985,000	9,500	56.5	535,000	91,000	159.5	14,520,000
Lincoln	4,100	1,000	155.0	155,000	2,000	35.0	70,000	3,000	75.0	225,000
Phillips	85,300	61,500	178.5	10,990,000	22,500	49.5	1,110,000	84,000	144.0	12,100,000
Washington . .	36,800	20,000	164.5	3,290,000	13,000	36.5	475,000	33,000	114.0	3,765,000
Yuma	210,900	196,000	175.5	34,400,000	8,500	36.5	310,000	204,500	169.5	34,710,000
East Central	466,000	380,000	173.5	65,900,000	61,000	44.5	2,720,000	441,000	155.5	68,620,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	8,300	5,000	165.0	825,000	...	...	...	5,000	165.0	825,000
Dolores	300	300	116.5	35,000	...	...	...	300	116.5	35,000
Garfield	700	300	116.5	35,000	...	...	...	300	116.5	35,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	200	200	100.0	20,000	...	...	...	200	100.0	20,000
Mesa	9,900	6,000	120.0	720,000	...	...	...	6,000	120.0	720,000
Montezuma . .	600	200	125.0	25,000	...	...	...	200	125.0	25,000
Montrose . . .	10,400	7,000	148.5	1,040,000	...	...	...	7,000	148.5	1,040,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	30,400	19,000	142.0	2,700,000	...	...	...	19,000	142.0	2,700,000
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	...	...	...	...	...	...	...	...	...	...
Saguache . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca	21,900	21,000	147.0	3,085,000	...	...	...	21,000	147.0	3,085,000
Bent	12,400	9,500	125.5	1,190,000	...	...	...	9,500	125.5	1,190,000
Crowley	3,300	2,500	130.0	325,000	...	...	...	2,500	130.0	325,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont	300	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	800	500	160.0	80,000	...	...	...	500	160.0	80,000
Otero	20,000	18,000	160.5	2,885,000	...	...	...	18,000	160.5	2,885,000
Prowers	21,700	19,000	141.5	2,685,000	...	...	...	19,000	141.5	2,685,000
Pueblo	6,200	5,500	172.5	950,000	...	...	...	5,500	172.5	950,000
Southeast	86,600	76,000	147.5	11,200,000	...	...	...	76,000	147.5	11,200,000
State Total	950,000	750,000	163.0	122,200,000	90,000	42.0	3,800,000	840,000	150.0	126,000,000

1/ Planted for all purposes.

Corn For Grain: Harvested Acres, Colorado, 1983-99 (000 Acres)



Corn for Grain: Acreage and production by county and district, Colorado, 1995

County and District	Acreage planted <u>1/</u>	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat . . . . .	...	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	...	...	...	...	...	...	...	...	...	...
Routt . . . . .	...	...	...	...	...	...	...	...	...	...
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder	7,000	5,000	97.0	485,000	...	...	...	5,000	97.0	485,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	24,000	15,000	116.5	1,745,000	...	...	...	15,000	116.5	1,745,000
Logan	67,400	46,000	113.5	5,220,000	15,000	32.0	480,000	61,000	93.5	5,700,000
Morgan	90,400	72,500	126.5	9,165,000	8,500	20.0	170,000	81,000	115.0	9,335,000
Sedgwick . . .	50,500	37,000	123.0	4,545,000	11,000	40.0	440,000	48,000	104.0	4,985,000
Weld	142,700	99,500	117.5	11,710,000	500	20.0	10,000	100,000	117.0	11,720,000
Northeast	382,000	275,000	119.5	32,870,000	35,000	31.5	1,100,000	310,000	109.5	33,970,000

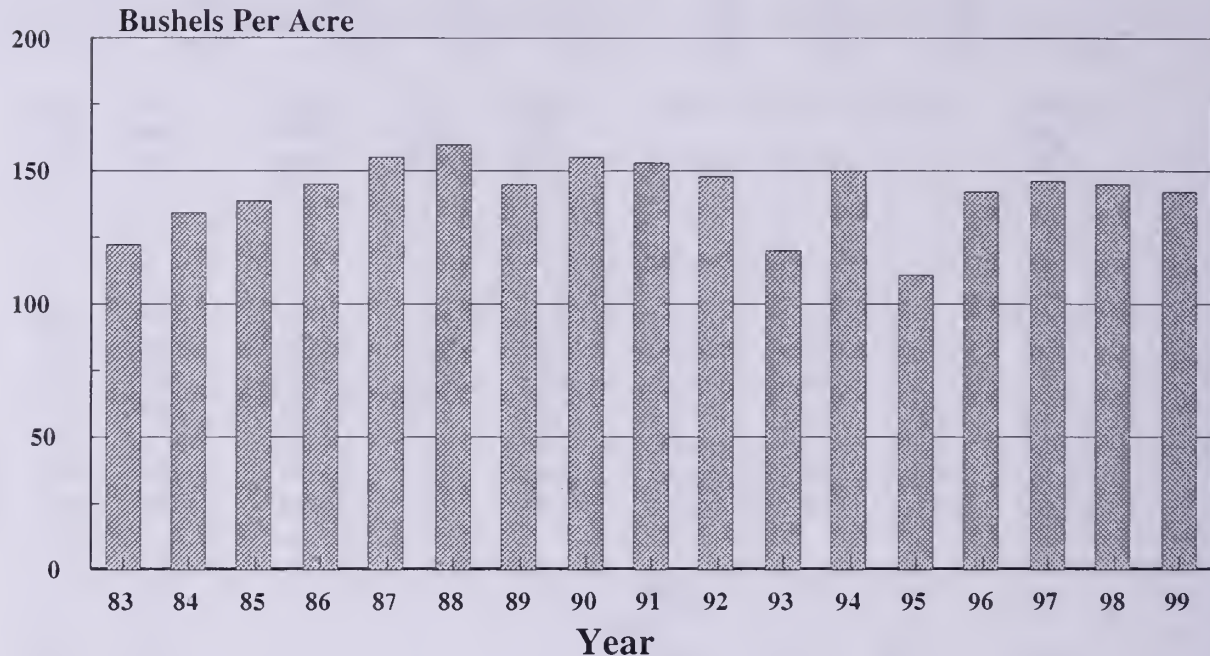
1/ Planted for all purposes.

Corn for Grain: Acreage and production by county and district, Colorado, 1995, continued

County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	13,000	9,000	108.0	970,000	2,500	22.0	55,000	11,500	89.0	1,025,000
Arapahoe . . .	1,400	...	...	...	1,000	30.0	30,000	1,000	30.0	30,000
Cheyenne . . .	10,900	9,000	120.0	1,080,000	1,500	34.5	52,000	10,500	108.0	1,132,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	400	...	...	...	...	...	...	...	...	...
El Paso	400	...	...	...	...	...	...	...	...	...
Kiowa	3,500	1,500	120.0	180,000	1,000	35.0	35,000	2,500	86.0	215,000
Kit Carson . .	96,500	78,000	109.5	8,540,000	10,000	39.5	395,000	88,000	101.5	8,935,000
Lincoln	3,100	1,000	120.0	120,000	1,000	43.0	43,000	2,000	81.5	163,000
Phillips	88,500	60,000	124.5	7,480,000	24,000	39.5	950,000	84,000	100.5	8,430,000
Washington . .	33,000	16,500	104.0	1,720,000	14,000	33.5	470,000	30,500	72.0	2,190,000
Yuma	205,300	190,000	125.5	23,850,000	10,000	32.0	320,000	200,000	121.0	24,170,000
East Central	456,000	365,000	120.5	43,940,000	65,000	36.0	2,350,000	430,000	107.5	46,290,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	7,700	4,000	136.5	545,000	...	...	...	4,000	136.5	545,000
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield	1,400	1,000	110.0	110,000	...	...	...	1,000	110.0	110,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...	...	...
Mesa	10,000	7,000	134.5	940,000	...	...	...	7,000	134.5	940,000
Montezuma . .	1,400	1,000	175.0	175,000	...	...	...	1,000	175.0	175,000
Montrose . . .	10,500	7,000	137.0	960,000	...	...	...	7,000	137.0	960,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	31,000	20,000	136.5	2,730,000	...	...	...	20,000	136.5	2,730,000
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	...	...	...	...	...	...	...	...	...	...
Saguache . . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca	21,500	20,000	134.0	2,675,000	...	...	...	20,000	134.0	2,675,000
Bent	9,000	7,000	111.5	780,000	...	...	...	7,000	111.5	780,000
Crowley	2,600	2,000	102.5	205,000	...	...	...	2,000	102.5	205,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont	500	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	700	400	112.5	45,000	...	...	...	400	112.5	45,000
Otero	18,400	16,800	149.0	2,500,000	...	...	...	16,800	149.0	2,500,000
Prowers	21,700	18,000	124.5	2,240,000	...	...	...	18,000	124.5	2,240,000
Pueblo	6,600	5,800	120.0	695,000	...	...	...	5,800	120.0	695,000
Southeast	81,000	70,000	130.5	9,140,000	...	...	...	70,000	130.5	9,140,000
State Total	950,000	730,000	121.5	88,680,000	100,000	34.5	3,450,000	830,000	111.0	92,130,000

1/ Planted for all purposes.

Corn For Grain: Yield Per Acre, Colorado, 1983-99 (Bushels Per Acre)



Corn for Grain: Acreage and production by county and district, Colorado, 1996

County and District	Acreage planted <u>1/</u>	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee .....	...	...	...	...	...	...	...	...	...	...
Clear Creek ..	...	...	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...	...	...
Gunnison ...	...	...	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...	...	...
Rio Blanco ..	...	...	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder	7,000	6,000	153.5	920,000	...	...	...	6,000	153.5	920,000
Jefferson .....	...	...	...	...	...	...	...	...	...	...
Larimer	23,600	15,500	146.5	2,270,000	...	...	...	15,500	146.5	2,270,000
Logan	71,300	49,000	149.5	7,320,000	16,000	59.0	945,000	65,000	127.0	8,265,000
Morgan	85,900	71,500	157.0	11,210,000	6,000	48.5	290,000	77,500	148.5	11,500,000
Sedgwick ...	61,300	47,000	152.5	7,160,000	12,500	76.5	955,000	59,500	136.5	8,115,000
Weld	149,900	106,000	139.0	14,720,000	1,500	40.0	60,000	107,500	137.5	14,780,000
Northeast	399,000	295,000	148.0	43,600,000	36,000	62.5	2,250,000	331,000	138.5	45,850,000

1/ Planted for all purposes.

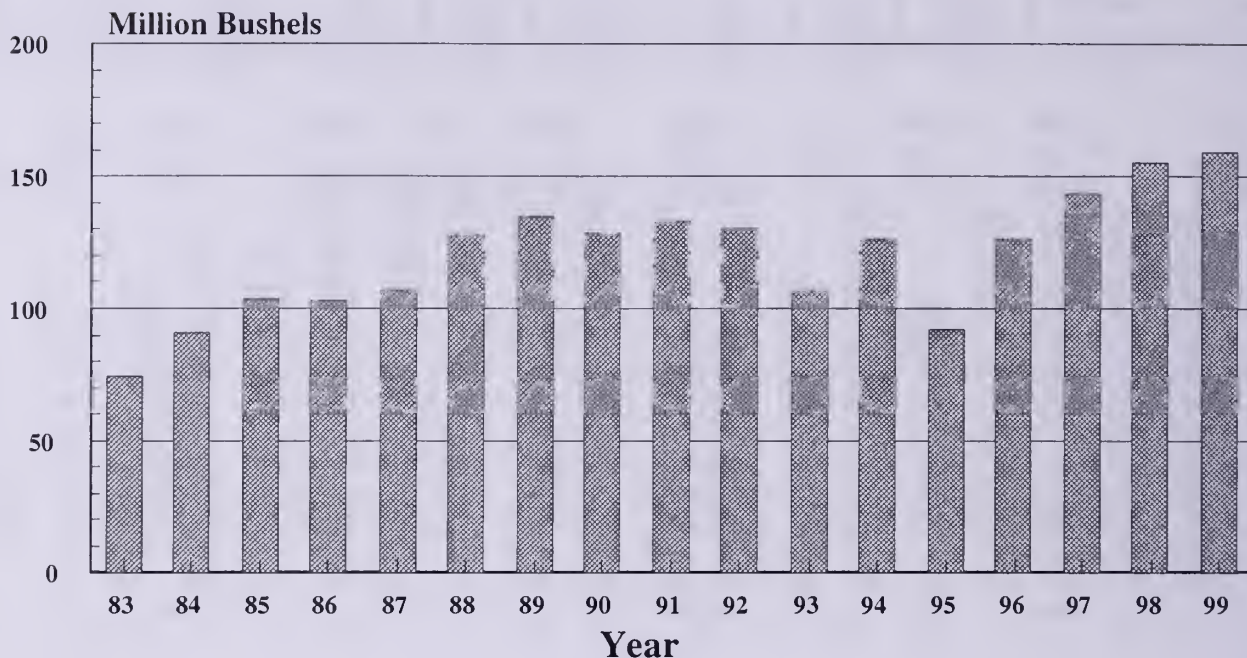
Corn for Grain: Acreage and production by county and district, Colorado, 1996, continued

County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	13,500	10,000	133.0	1,330,000	3,000	33.5	100,000	13,000	110.0	1,430,000
Arapahoe . . .	800	500	100.0	50,000	...	...	...	500	100.0	50,000
Cheyenne . . .	13,000	10,000	167.0	1,670,000	2,500	78.0	195,000	12,500	149.0	1,865,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert . . . . .	...	...	...	...	...	...	...	...	...	...
El Paso	400	...	...	...	...	...	...	...	...	...
Kiowa	2,900	2,000	160.0	320,000	500	50.0	25,000	2,500	138.0	345,000
Kit Carson . .	100,000	80,000	170.0	13,600,000	13,000	79.0	1,030,000	93,000	157.5	14,630,000
Lincoln	3,000	1,000	150.0	150,000	1,500	63.5	95,000	2,500	98.0	245,000
Phillips	93,900	63,000	136.5	8,610,000	26,000	63.5	1,645,000	89,000	115.0	10,255,000
Washington . .	41,300	23,500	152.5	3,580,000	16,500	65.5	1,080,000	40,000	116.5	4,660,000
Yuma	217,200	200,000	153.5	30,690,000	11,000	69.0	760,000	211,000	149.0	31,450,000
East Central	486,000	390,000	154.0	60,000,000	74,000	66.5	4,930,000	464,000	140.0	64,930,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	6,200	4,000	157.5	630,000	...	...	...	4,000	157.5	630,000
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...	...	...
Mesa	10,800	7,000	137.0	960,000	...	...	...	7,000	137.0	960,000
Montezuma . .	1,900	1,500	173.5	260,000	...	...	...	1,500	173.5	260,000
Montrose . . .	11,100	7,500	166.5	1,250,000	...	...	...	7,500	166.5	1,250,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	30,000	20,000	155.0	3,100,000	...	...	...	20,000	155.0	3,100,000
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	...	...	...	...	...	...	...	...	...	...
Saguache . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca	18,700	17,000	192.5	3,270,000	...	...	...	17,000	192.5	3,270,000
Bent	11,700	8,500	134.0	1,140,000	...	...	...	8,500	134.0	1,140,000
Crowley	3,500	3,500	131.5	460,000	...	...	...	3,500	131.5	460,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	1,000	1,000	140.0	140,000	...	...	...	1,000	140.0	140,000
Otero	20,500	19,000	168.0	3,190,000	...	...	...	19,000	168.0	3,190,000
Prowers	22,800	20,000	163.5	3,270,000	...	...	...	20,000	163.5	3,270,000
Pueblo	6,800	6,000	171.5	1,030,000	...	...	...	6,000	171.5	1,030,000
Southeast	85,000	75,000	166.5	12,500,000	...	...	...	75,000	166.5	12,500,000
State Total	1,000,000	780,000	153.0	119,200,000	110,000	65.5	7,180,000	890,000	142.0	126,380,000

1/ Planted for all purposes.

Corn For Grain: Production, Colorado, 1983-99

(Million Bushels)



Corn for Grain: Acreage and production by county and district, Colorado, 1997

County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat . . . . .	...	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	...	...	...	...	...	...	...	...	...	...
Routt . . . . .	...	...	...	...	...	...	...	...	...	...
Summit . . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder	6,800	6,000	149.0	895,000	...	...	...	6,000	149.0	895,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	21,000	16,000	145.0	2,320,000	...	...	...	16,000	145.0	2,320,000
Logan	74,200	50,000	147.0	7,340,000	19,000	79.0	1,500,000	69,000	128.0	8,840,000
Morgan	83,700	71,000	158.0	11,205,000	4,000	50.0	200,000	75,000	152.0	11,405,000
Sedgwick . . .	50,800	36,000	145.0	5,215,000	13,000	66.5	865,000	49,000	124.0	6,080,000
Weld	170,500	121,000	155.0	18,725,000	4,000	34.0	135,000	125,000	151.0	18,860,000
Northeast	407,000	300,000	152.5	45,700,000	40,000	67.5	2,700,000	340,000	142.5	48,400,000

1/ Planted for all purposes.

Corn for Grain: Acreage and production by county and district, Colorado, 1997, continued

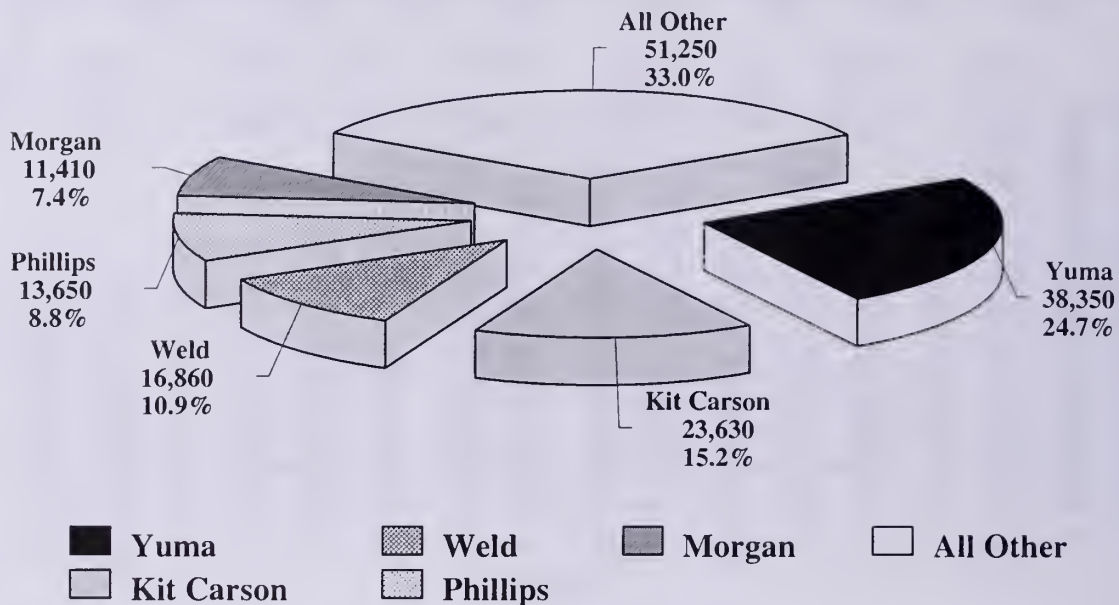
County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	14,500	6,000	136.0	815,000	8,000	46.5	370,000	14,000	84.5	1,185,000
Arapahoe . . .	1,400	1,000	140.0	140,000	...	...	...	1,000	140.0	140,000
Cheyenne . . .	16,800	13,000	144.5	1,880,000	3,000	50.0	150,000	16,000	127.0	2,030,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	400	...	...	...	...	...	...	...	...	...
El Paso	400	...	...	...	...	...	...	...	...	...
Kiowa	2,900	1,500	160.0	240,000	1,000	60.0	60,000	2,500	120.0	300,000
Kit Carson . .	108,800	85,000	169.0	14,380,000	15,000	73.5	1,100,000	100,000	155.0	15,480,000
Lincoln	5,800	1,500	156.5	235,000	4,000	56.5	225,000	5,500	83.5	460,000
Phillips	115,100	75,000	158.5	11,900,000	38,000	64.0	2,435,000	113,000	127.0	14,335,000
Washington . .	54,000	28,000	166.0	4,650,000	22,000	55.5	1,225,000	50,000	117.5	5,875,000
Yuma	231,900	213,000	175.5	37,360,000	15,000	62.5	935,000	228,000	168.0	38,295,000
East Central	552,000	424,000	169.0	71,600,000	106,000	61.5	6,500,000	530,000	147.5	78,100,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	6,200	4,000	172.5	690,000	...	...	...	4,000	172.5	690,000
Dolores	400	...	...	...	...	...	...	...	...	...
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	300	...	...	...	...	...	...	...	...	...
Mesa	9,600	7,000	141.5	990,000	...	...	...	7,000	141.5	990,000
Montezuma . .	1,400	1,000	200.0	200,000	...	...	...	1,000	200.0	200,000
Montrose . . .	13,100	9,000	169.0	1,520,000	...	...	...	9,000	169.0	1,520,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	31,000	21,000	162.0	3,400,000	...	...	...	21,000	162.0	3,400,000
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	...	...	...	...	...	...	...	...	...	...
Saguache . . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca	26,500	23,600	154.0	3,630,000	2,400	44.0	105,000	26,000	143.5	3,735,000
Bent	15,000	11,000	139.0	1,530,000	...	...	...	11,000	139.0	1,530,000
Crowley	5,000	4,000	135.0	540,000	...	...	...	4,000	135.0	540,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	1,100	500	130.0	65,000	...	...	...	500	130.0	65,000
Otero	21,900	19,500	158.5	3,095,000	500	46.0	23,000	20,000	156.0	3,118,000
Prowers	23,000	20,000	147.0	2,940,000	500	50.0	25,000	20,500	144.5	2,965,000
Pueblo	7,500	6,400	187.5	1,200,000	600	45.0	27,000	7,000	175.5	1,227,000
Southeast	100,000	85,000	153.0	13,000,000	4,000	45.0	180,000	89,000	148.0	13,180,000
State Total	1,090,000	830,000	161.0	133,700,000	150,000	62.5	9,380,000	980,000	146.0	143,080,000

1/ Planted for all purposes.

Corn For Grain Production - 1998 Crop

Top Five Counties, Colorado

Production in 1,000 Bushels and Percent of Total



Corn for Grain: Acreage and production by county and district, Colorado, 1998

County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee .....	...	...	...	...	...	...	...	...	...	...
Clear Creek ..	...	...	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...	...	...
Gunnison ...	...	...	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...	...	...
Rio Blanco ..	...	...	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder	6,000	5,000	148.0	740,000	...	...	...	5,000	148.0	740,000
Jefferson .....	...	...	...	...	...	...	...	...	...	...
Larimer	19,800	12,000	145.0	1,740,000	3,000	46.5	140,000	15,000	125.5	1,880,000
Logan	81,900	51,000	149.0	7,590,000	24,000	65.5	1,570,000	75,000	122.0	9,160,000
Morgan	86,800	70,000	159.5	11,150,000	5,000	52.0	260,000	75,000	152.0	11,410,000
Sedgwick ...	56,800	41,000	158.0	6,480,000	14,000	64.5	900,000	55,000	134.0	7,380,000
Weld	162,100	106,000	155.5	16,500,000	9,000	40.0	360,000	115,000	146.5	16,860,000
Northeast	413,400	285,000	155.0	44,200,000	55,000	58.5	3,230,000	340,000	139.5	47,430,000

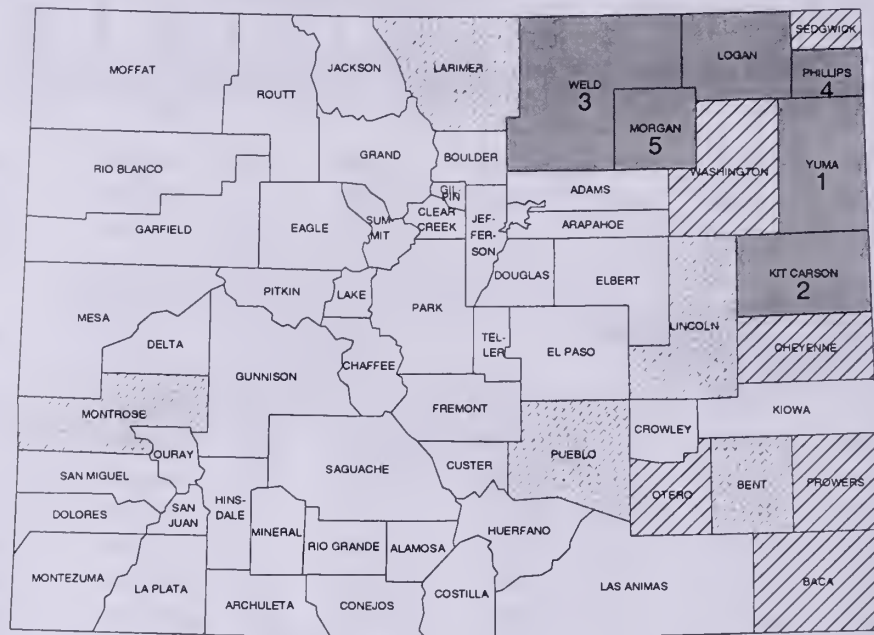
1/ Planted for all purposes.

Corn for Grain: Acreage and production by county and district, Colorado, 1998, continued

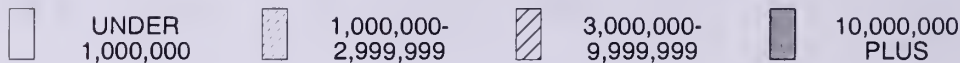
County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	15,500	10,000	159.0	1,590,000	5,000	50.0	250,000	15,000	122.5	1,840,000
Arapahoe . . .	2,900	500	140.0	70,000	2,000	70.0	140,000	2,500	84.0	210,000
Cheyenne . . .	24,300	11,000	152.0	1,670,000	13,000	90.0	1,170,000	24,000	118.5	2,840,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	1,000	...	...	...	1,000	60.0	60,000	1,000	60.0	60,000
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa	8,500	1,500	173.5	260,000	7,000	75.5	530,000	8,500	93.0	790,000
Kit Carson . .	160,000	115,000	175.0	20,150,000	40,000	87.0	3,480,000	155,000	152.5	23,630,000
Lincoln	11,000	2,000	180.0	360,000	9,000	70.0	630,000	11,000	90.0	990,000
Phillips	110,100	65,000	165.5	10,750,000	43,000	67.5	2,900,000	108,000	126.5	13,650,000
Washington . .	64,600	23,000	163.0	3,750,000	37,000	57.0	2,100,000	60,000	97.5	5,850,000
Yuma	234,700	207,000	178.5	37,000,000	23,000	58.5	1,350,000	230,000	166.5	38,350,000
East Central	632,600	435,000	174.0	75,600,000	180,000	70.0	12,610,000	615,000	143.5	88,210,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	5,200	3,000	176.5	530,000	...	...	...	3,000	176.5	530,000
Dolores	500	...	...	...	...	...	...	...	...	...
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...	...	...
Mesa	9,100	6,000	148.5	890,000	...	...	...	6,000	148.5	890,000
Montezuma . .	1,300	1,000	180.0	180,000	...	...	...	1,000	180.0	180,000
Montrose . . .	14,900	10,000	170.0	1,700,000	...	...	...	10,000	170.0	1,700,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	31,000	20,000	165.0	3,300,000	...	...	...	20,000	165.0	3,300,000
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	...	...	...	...	...	...	...	...	...	...
Saguache . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca	33,000	29,500	196.0	5,780,000	2,500	52.0	130,000	32,000	184.5	5,910,000
Bent	14,900	13,000	174.0	2,260,000	...	...	...	13,000	174.0	2,260,000
Crowley	3,500	3,000	140.0	420,000	...	...	...	3,000	140.0	420,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	1,100	500	140.0	70,000	...	...	...	500	140.0	70,000
Otero	21,200	19,000	156.0	2,960,000	500	60.0	30,000	19,500	153.5	2,990,000
Prowers	22,900	19,500	170.5	3,320,000	1,500	80.0	120,000	21,000	164.0	3,440,000
Pueblo	6,400	5,500	198.0	1,090,000	500	60.0	30,000	6,000	186.5	1,120,000
Southeast	103,000	90,000	176.5	15,900,000	5,000	62.0	310,000	95,000	170.5	16,210,000
State Total	1,180,000	830,000	167.5	139,000,000	240,000	67.5	16,150,000	1,070,000	145.0	155,150,000

1/ Planted for all purposes.

Corn for Grain: Production by County, Colorado, 1999 with Ranking of First Five Counties



BUSHEL



Corn for Grain: Acreage and production by county and district, Colorado, 1999

County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat . . . . .	...	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	...	...	...	...	...	...	...	...	...	...
Routt . . . . .	...	...	...	...	...	...	...	...	...	...
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder	6,500	5,000	140.0	700,000	...	...	...	5,000	140.0	700,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	19,700	14,000	153.5	2,150,000	1,000	57.0	57,000	15,000	147.0	2,207,000
Logan	91,500	59,000	146.5	8,650,000	26,000	67.0	1,740,000	85,000	122.0	10,390,000
Morgan	91,600	72,000	171.0	12,300,000	8,000	54.0	433,000	80,000	159.0	12,733,000
Sedgwick . . .	57,500	35,000	171.5	6,000,000	20,000	70.0	1,400,000	55,000	134.5	7,400,000
Weld	157,200	105,000	169.5	17,800,000	5,000	54.0	270,000	110,000	164.5	18,070,000
Northeast	424,000	290,000	164.0	47,600,000	60,000	65.0	3,900,000	350,000	147.0	51,500,000

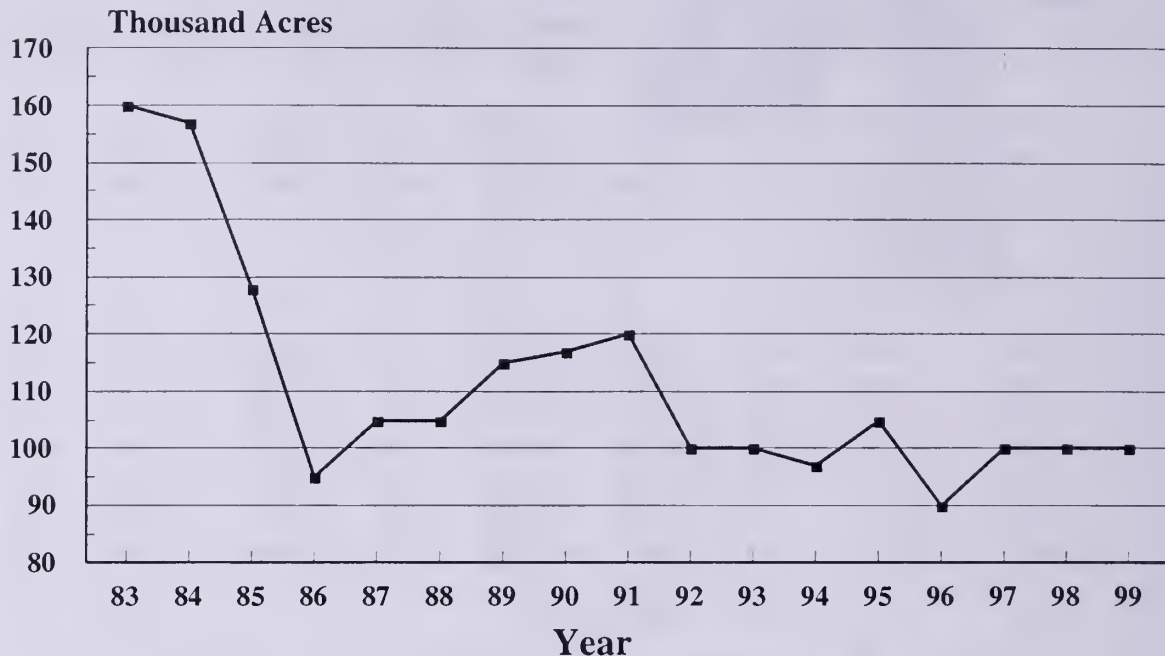
1/ Planted for all purposes.

Corn for Grain: Acreage and production by county and district, Colorado, 1999, continued

County and District	Acreage planted <u>1/</u>	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	11,600	3,000	150.0	450,000	8,000	56.5	450,000	11,000	82.0	900,000
Arapahoe . . .	2,900	500	140.0	70,000	2,000	55.0	110,000	2,500	72.0	180,000
Cheyenne . . .	35,300	17,000	172.5	2,930,000	18,000	56.5	1,020,000	35,000	113.0	3,950,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	2,000	...	...	...	2,000	55.0	110,000	2,000	55.0	110,000
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa	12,500	500	160.0	80,000	12,000	72.5	870,000	12,500	76.0	950,000
Kit Carson . .	174,600	108,000	162.0	17,500,000	62,000	81.0	5,030,000	170,000	132.5	22,530,000
Lincoln	22,000	4,000	142.5	570,000	18,000	74.0	1,330,000	22,000	86.5	1,900,000
Phillips	112,400	64,000	165.5	10,600,000	46,000	73.0	3,360,000	110,000	127.0	13,960,000
Washington . .	70,000	28,000	164.5	4,610,000	37,000	62.5	2,310,000	65,000	106.5	6,920,000
Yuma	219,700	200,000	171.0	34,190,000	15,000	50.0	750,000	215,000	162.5	34,940,000
East Central	663,000	425,000	167.0	71,000,000	220,000	69.5	15,340,000	645,000	134.0	86,340,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	5,500	3,500	177.0	620,000	...	...	...	3,500	177.0	620,000
Dolores	300	...	...	...	...	...	...	...	...	...
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...	...	...
Mesa	7,500	5,000	152.0	760,000	...	...	...	5,000	152.0	760,000
Montezuma . .	1,700	1,500	153.5	230,000	...	...	...	1,500	153.5	230,000
Montrose . . .	15,200	10,000	159.0	1,590,000	...	...	...	10,000	159.0	1,590,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	30,200	20,000	160.0	3,200,000	...	...	...	20,000	160.0	3,200,000
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	...	...	...	...	...	...	...	...	...	...
Saguache . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca	38,000	32,000	199.0	6,370,000	5,000	52.0	260,000	37,000	179.0	6,630,000
Bent	15,500	14,000	203.0	2,840,000	...	...	...	14,000	203.0	2,840,000
Crowley	2,600	2,500	128.0	320,000	...	...	...	2,500	128.0	320,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont	1,000	...	...	...	...	...	...	...	...	...
Huerfano	200	...	...	...	...	...	...	...	...	...
Las Animas . .	700	500	140.0	70,000	...	...	...	500	140.0	70,000
Otero	22,000	20,000	165.5	3,310,000	...	...	...	20,000	165.5	3,310,000
Prowers	26,500	20,000	164.0	3,280,000	5,000	68.0	340,000	25,000	145.0	3,620,000
Pueblo	6,300	6,000	201.5	1,210,000	...	...	...	6,000	201.5	1,210,000
Southeast	112,800	95,000	183.0	17,400,000	10,000	60.0	600,000	105,000	171.5	18,000,000
State Total	1,230,000	830,000	167.5	139,200,000	290,000	68.5	19,840,000	1,120,000	142.0	159,040,000

1/ Planted for all purposes.

Corn For Silage: Harvested Acres, Colorado, 1983-99 (000 Acres)



Corn for Silage: Acreage and production by county and district, Colorado, 1994-1995

County and District	1994				1995			
	Acreage Planted <u>1/</u>	Acreage Harvested	Yield Per Acre	Production	Acreage Planted <u>1/</u>	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Tons	Tons	Acres	Acres	Tons	Tons
Chaffee .....	...	...	...	...	...	...	...	...
Clear Creek .....	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...
Gunnison .....	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...
Rio Blanco .....	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...
Boulder	7,300	1,300	18.5	24,000	7,000	1,700	16.0	27,000
Jefferson .....	...	...	...	...	...	...	...	...
Larimer	21,600	7,800	18.0	139,000	24,000	9,000	20.0	180,000
Logan	67,700	7,000	22.5	156,500	67,400	6,000	20.0	120,000
Morgan	86,400	6,400	20.0	128,000	90,400	8,000	19.0	152,000
Sedgwick	43,100	1,000	21.5	21,500	50,500	800	20.0	16,000
Weld	140,900	35,500	23.5	831,000	142,700	41,500	21.5	885,000
Northeast	367,000	59,000	22.0	1,300,000	382,000	67,000	20.5	1,380,000

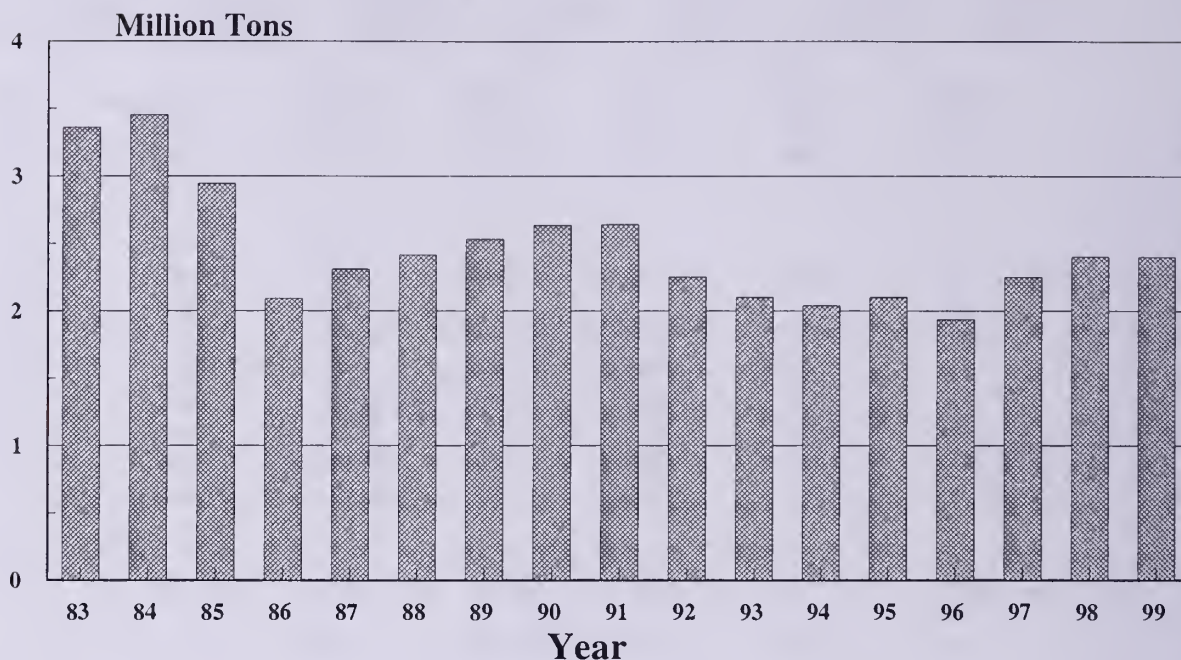
1/ Planted for all purposes.

Corn for Silage: Acreage and production by county and district, Colorado, 1994-1995

County and District	1994				1995			
	Acreage Planted <u>1/</u>	Acreage Harvested	Yield Per Acre	Production	Acreage Planted <u>1/</u>	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Tons	Tons	Acres	Acres	Tons	Tons
Adams	12,600	1,300	21.0	27,000	13,000	700	21.5	15,000
Arapahoe	1,700	500	24.0	12,000	1,400	400	22.5	9,000
Cheyenne	12,100	500	22.0	11,000	10,900	400	17.5	7,000
Denver .....	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...
Elbert .....	...	...	...	...	400	400	10.0	4,000
El Paso	800	500	14.0	7,000	400	400	17.5	7,000
Kiowa	2,900	...	...	...	3,500	500	10.0	5,000
Kit Carson	98,800	7,300	19.5	141,000	96,500	7,800	21.0	163,000
Lincoln	4,100	400	19.0	7,500	3,100	600	10.0	6,000
Phillips	85,300	700	22.0	15,500	88,500	600	11.5	7,000
Washington	36,800	1,900	17.0	32,000	33,000	1,300	13.0	17,000
Yuma	210,900	4,400	20.0	88,000	205,300	3,900	19.0	75,000
East Central	466,000	17,500	19.5	341,000	456,000	17,000	18.5	315,000
Archuleta .....	...	...	...	...	...	...	...	...
Delta	8,300	3,300	23.0	75,500	7,700	3,700	22.5	84,000
Dolores	300	...	...	...	...	...	...	...
Garfield	700	400	16.5	6,500	1,400	400	20.0	8,000
Hinsdale .....	...	...	...	...	...	...	...	...
La Plata	200	...	...	...	...	...	...	...
Mesa	9,900	3,700	17.0	63,000	10,000	3,000	19.0	57,000
Montezuma	600	400	17.5	7,000	1,400	400	17.5	7,000
Montrose	10,400	3,200	19.0	61,000	10,500	3,500	18.5	64,000
Ouray .....	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...
San Miguel .....	...	...	...	...	...	...	...	...
Southwest	30,400	11,000	19.5	213,000	31,000	11,000	20.0	220,000
Alamosa .....	...	...	...	...	...	...	...	...
Conejos .....	...	...	...	...	...	...	...	...
Costilla .....	...	...	...	...	...	...	...	...
Mineral .....	...	...	...	...	...	...	...	...
Rio Grande .....	...	...	...	...	...	...	...	...
Saguache .....	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...
Baca	21,900	800	18.0	14,500	21,500	1,000	16.0	16,000
Bent	12,400	2,300	17.5	40,000	9,000	2,000	16.0	32,000
Crowley	3,300	800	22.0	17,500	2,600	600	20.0	12,000
Custer .....	...	...	...	...	...	...	...	...
Fremont	300	300	20.0	6,000	500	500	18.0	9,000
Huerfano .....	...	...	...	...	...	...	...	...
Las Animas	800	300	20.0	6,000	700	300	20.0	6,000
Otero	20,000	1,900	17.5	33,500	18,400	1,500	22.5	34,000
Prowers	21,700	2,400	20.5	49,000	21,700	3,500	18.5	64,000
Pueblo	6,200	700	23.5	16,500	6,600	600	20.0	12,000
Southeast	86,600	9,500	19.5	183,000	81,000	10,000	18.5	185,000
State Total	950,000	97,000	21.0	2,037,000	950,000	105,000	20.0	2,100,000

1/ Planted for all purposes.

Corn For Silage: Production, Colorado, 1983-99 (Million Tons)



Corn for Silage: Acreage and production by county and district, Colorado, 1996-1997

County and District	1996				1997			
	Acreage Planted ^{1/}	Acreage Harvested	Yield Per Acre	Production	Acreage Planted ^{1/}	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Tons	Tons	Acres	Acres	Tons	Tons
Chaffee .....	...	...	...	...	...	...	...	...
Clear Creek .....	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...
Gunnison .....	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...
Rio Blanco .....	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...
Boulder	7,000	1,000	20.0	20,000	6,800	800	21.5	17,000
Jefferson .....	...	...	...	...	...	...	...	...
Larimer	23,600	8,000	22.0	175,000	21,000	5,000	24.0	119,000
Logan	71,300	4,500	24.5	110,000	74,200	4,700	23.5	111,000
Morgan	85,900	6,000	21.5	130,000	83,700	8,300	21.5	178,000
Sedgwick	61,300	900	16.5	15,000	50,800	1,300	17.0	22,000
Weld	149,900	39,600	22.0	870,000	170,500	44,900	24.0	1,073,000
Northeast	399,000	60,000	22.0	1,320,000	407,000	65,000	23.5	1,520,000

^{1/} Planted for all purposes.

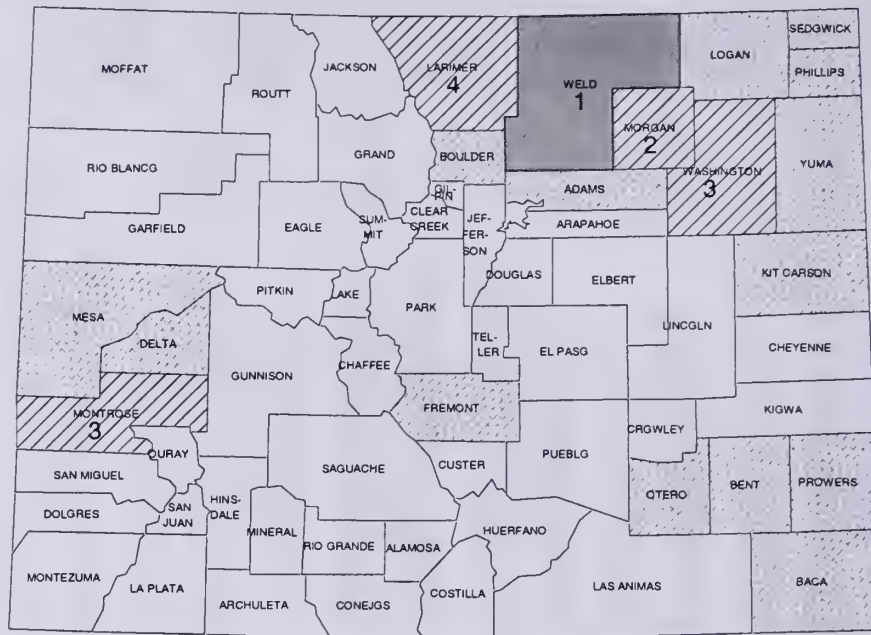
Corn for Silage: Acreage and production by county and district, Colorado, 1996-1997

County and District	1996				1997			
	Acreage Planted ^{1/}	Acreage Harvested	Yield Per Acre	Production	Acreage Planted ^{1/}	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Tons	Tons	Acres	Acres	Tons	Tons
Adams	13,500	400	22.5	9,000	14,500	500	22.0	11,000
Arapahoe	800	...	...	...	1,400	400	22.5	9,000
Cheyenne	13,000	400	20.0	8,000	16,800	800	15.0	12,000
Denver .....	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...
Elbert .....	...	...	...	...	400	400	15.0	6,000
El Paso	400	400	20.0	8,000	400	400	17.5	7,000
Kiowa	2,900	400	15.0	6,000	2,900	400	15.0	6,000
Kit Carson	100,000	7,000	22.0	154,000	108,800	8,600	22.5	195,000
Lincoln	3,000	400	15.0	6,000	5,800	...	...	...
Phillips	93,900	400	12.5	5,000	115,100	1,100	22.5	25,000
Washington	41,300	600	15.0	9,000	54,000	2,700	16.0	43,000
Yuma	217,200	2,500	20.0	50,000	231,900	2,700	22.5	61,000
East Central	486,000	12,500	20.5	255,000	552,000	18,000	21.0	375,000
Archuleta .....	...	...	...	...	...	...	...	...
Delta	6,200	2,000	18.5	37,000	6,200	2,000	23.0	46,000
Dolores .....	...	...	...	...	400	400	20.0	8,000
Garfield .....	...	...	...	...	...	...	...	...
Hinsdale .....	...	...	...	...	...	...	...	...
La Plata .....	...	...	...	...	300	300	20.0	6,000
Mesa	10,800	3,300	18.5	61,000	9,600	2,500	20.0	50,000
Montezuma	1,900	400	15.0	6,000	1,400	400	20.0	8,000
Montrose	11,100	3,300	20.0	66,000	13,100	3,400	24.0	82,000
Ouray .....	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...
San Miguel .....	...	...	...	...	...	...	...	...
Southwest	30,000	9,000	19.0	170,000	31,000	9,000	22.0	200,000
Alamosa .....	...	...	...	...	...	...	...	...
Conejos .....	...	...	...	...	...	...	...	...
Costilla .....	...	...	...	...	...	...	...	...
Mineral .....	...	...	...	...	...	...	...	...
Rio Grande .....	...	...	...	...	...	...	...	...
Saguache .....	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...
Baca	18,700	1,500	18.0	27,000	26,500	500	22.0	11,000
Bent	11,700	2,600	25.0	65,000	15,000	2,200	19.0	42,000
Crowley	3,500	...	...	...	5,000	300	20.0	6,000
Custer .....	...	...	...	...	...	...	...	...
Fremont .....	...	...	...	...	...	...	...	...
Huerfano .....	...	...	...	...	...	...	...	...
Las Animas	1,000	...	...	...	1,100	600	20.0	12,000
Otero	20,500	1,300	20.0	26,000	21,900	1,600	18.0	29,000
Prowers	22,800	2,500	23.5	59,000	23,000	2,500	20.0	50,000
Pueblo	6,800	600	21.5	13,000	7,500	300	16.5	5,000
Southeast	85,000	8,500	22.5	190,000	100,000	8,000	19.5	155,000
State Total	1,000,000	90,000	21.5	1,935,000	1,090,000	100,000	22.5	2,250,000

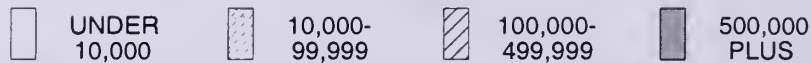
^{1/} Planted for all purposes.

Corn for Silage: Production by County, Colorado, 1999

with Ranking of First Five Counties



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Corn for Silage: Acreage and production by county and district, Colorado, 1998-1999

County and District	1998				1999			
	Acreage Planted ^{1/}	Acreage Harvested	Yield Per Acre	Production	Acreage Planted ^{1/}	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Tons	Tons	Acres	Acres	Tons	Tons
Chaffee .....	...	...	...	...	...	...	...	...
Clear Creek .....	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...
Gunnison .....	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...
Rio Blanco .....	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...
NW & Mountain .....	...	...	...	...	...	...	...	...
Boulder	6,000	1,000	20.0	20,000	6,500	1,500	24.0	36,000
Jefferson .....	...	...	...	...	...	...	...	...
Larimer	19,800	4,600	23.0	105,000	19,700	4,500	24.5	110,000
Logan	81,900	5,800	18.0	103,000	91,500	5,000	18.5	93,000
Morgan	86,800	11,100	22.5	247,000	91,600	11,000	23.5	257,000
Sedgwick	56,800	1,500	26.0	39,000	57,500	2,000	22.5	45,000
Weld	162,100	46,000	26.5	1,226,000	157,200	45,000	25.5	1,154,000
Northeast	413,400	70,000	25.0	1,740,000	424,000	69,000	24.5	1,695,000

^{1/} Planted for all purposes.

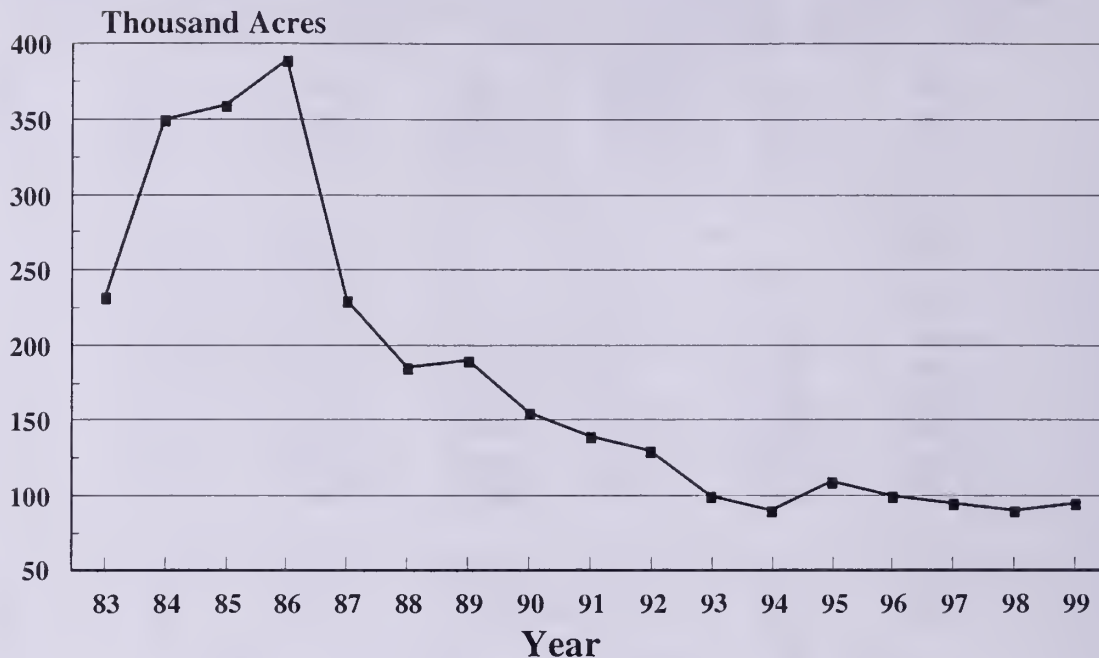
Corn for Silage: Acreage and production by county and district, Colorado, 1998-1999

County and District	1998				1999			
	Acreage Planted <u>1/</u>	Acreage Harvested	Yield Per Acre	Production	Acreage Planted <u>1/</u>	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Tons	Tons	Acres	Acres	Tons	Tons
Adams	15,500	500	24.0	12,000	11,600	500	26.0	13,000
Arapahoe	2,900	400	20.0	8,000	2,900	400	15.0	6,000
Cheyenne	24,300	300	20.0	6,000	35,300	300	20.0	6,000
Denver .....	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...
Elbert	1,000	...	...	...	2,000	...	...	...
El Paso .....	...	...	...	...	...	...	...	...
Kiowa	8,500	...	...	...	12,500	...	...	...
Kit Carson	160,000	4,400	22.0	97,000	174,600	3,300	21.0	70,000
Lincoln	11,000	...	...	...	22,000	...	...	...
Phillips	110,100	1,000	25.0	25,000	112,400	1,500	24.0	36,000
Washington	64,600	4,000	21.5	86,000	70,000	5,000	26.0	129,000
Yuma	234,700	3,400	25.5	86,000	219,700	3,000	21.5	65,000
East Central	632,600	14,000	23.0	320,000	663,000	14,000	23.0	325,000
Archuleta .....	...	...	...	...	...	...	...	...
Delta	5,200	2,000	22.0	44,000	5,500	2,000	26.0	52,000
Dolores	500	300	16.5	5,000	300	300	23.5	7,000
Garfield .....	...	...	...	...	...	...	...	...
Hinsdale .....	...	...	...	...	...	...	...	...
La Plata .....	...	...	...	...	...	...	...	...
Mesa	9,100	3,000	20.5	61,000	7,500	2,500	21.0	53,000
Montezuma	1,300	300	23.5	7,000	1,700	200	20.0	4,000
Montrose	14,900	4,400	23.5	103,000	15,200	5,000	26.0	129,000
Ouray .....	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...
San Miguel .....	...	...	...	...	...	...	...	...
Southwest	31,000	10,000	22.0	220,000	30,200	10,000	24.5	245,000
Alamosa .....	...	...	...	...	...	...	...	...
Conejos .....	...	...	...	...	...	...	...	...
Costilla .....	...	...	...	...	...	...	...	...
Mineral .....	...	...	...	...	...	...	...	...
Rio Grande .....	...	...	...	...	...	...	...	...
Saguache .....	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...
Baca	33,000	400	22.5	9,000	38,000	500	22.0	11,000
Bent	14,900	1,700	18.0	31,000	15,500	1,500	24.0	36,000
Crowley	3,500	500	16.0	8,000	2,600	...	...	...
Custer .....	...	...	...	...	...	...	...	...
Fremont .....	...	...	...	...	1,000	1,000	13.0	13,000
Huerfano .....	...	...	...	...	200	200	5.0	1,000
Las Animas	1,100	600	25.0	15,000	700	200	20.0	4,000
Otero	21,200	800	21.5	17,000	22,000	2,000	19.0	38,000
Prowers	22,900	1,600	20.0	32,000	26,500	1,300	19.0	25,000
Pueblo	6,400	400	20.0	8,000	6,300	300	23.5	7,000
Southeast	103,000	6,000	20.0	120,000	112,800	7,000	19.5	135,000
State Total	1,180,000	100,000	24.0	2,400,000	1,230,000	100,000	24.0	2,400,000

1/ Planted for all purposes.

Barley: Planted Acres, Colorado, 1983-99

(000 Acres)



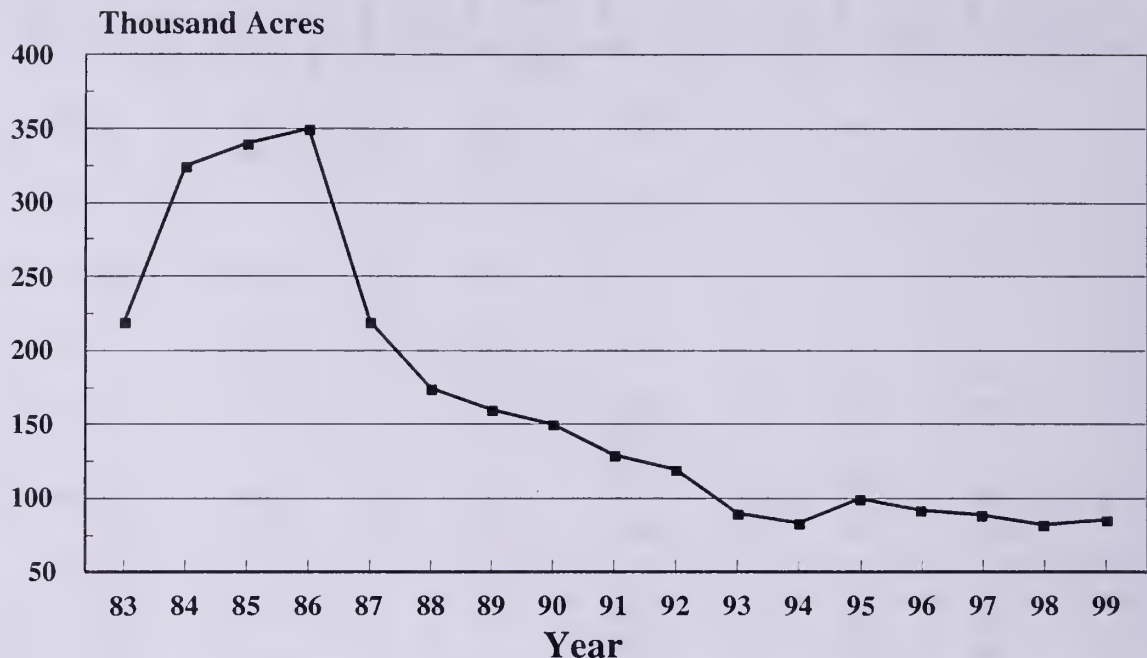
Barley: Acreage and production by county and district, Colorado, 1994

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	700	...	...	...	600	30.0	18,000	600	30.0	18,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	...	...	...	...	...	...	...	...	...	...
Routt	2,000	...	...	...	1,900	38.0	72,000	1,900	38.0	72,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	2,700	...	...	...	2,500	36.0	90,000	2,500	36.0	90,000
Boulder	2,700	1,300	75.5	98,000	1,200	20.0	24,000	2,500	49.0	122,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	3,400	2,800	80.0	224,000	200	25.0	5,000	3,000	76.5	229,000
Logan	500	...	...	...	500	26.0	13,000	500	26.0	13,000
Morgan	1,200	400	55.0	22,000	600	25.0	15,000	1,000	37.0	37,000
Sedgwick . . .	...	...	...	...	...	...	...	...	...	...
Weld	11,200	8,000	82.0	656,000	2,000	20.0	40,000	10,000	69.5	696,000
Northeast	19,000	12,500	80.0	1,000,000	4,500	21.5	97,000	17,000	64.5	1,097,000

Barley: Acreage and production by county and district, Colorado, 1994, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	1,100	700	70.0	49,000	200	32.5	6,500	900	61.5	55,500
Arapahoe . . .	300	...	...	...	200	37.5	7,500	200	37.5	7,500
Cheyenne . . .	...	...	...	...	...	...	...	...	...	...
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	600	...	...	...	400	25.0	10,000	400	25.0	10,000
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson . .	500	...	...	...	400	30.0	12,000	400	30.0	12,000
Lincoln	300	300	63.5	19,000	...	...	...	300	63.5	19,000
Phillips . . . . .	...	...	...	...	...	...	...	...	...	...
Washington . .	200	200	60.0	12,000	...	...	...	200	60.0	12,000
Yuma	200	...	...	...	100	25.0	2,500	100	25.0	2,500
East Central	3,200	1,200	66.5	80,000	1,300	29.5	38,500	2,500	47.5	118,500
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	100	100	80.0	8,000	...	...	...	100	80.0	8,000
Dolores	100	100	60.0	6,000	...	...	...	100	60.0	6,000
Garfield	500	200	65.0	13,000	100	25.0	2,500	300	51.5	15,500
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	300	100	50.0	5,000	100	20.0	2,000	200	35.0	7,000
Mesa	800	700	95.0	66,500	...	...	...	700	95.0	66,500
Montezuma . .	400	300	60.0	18,000	...	...	...	300	60.0	18,000
Montrose . . .	300	300	95.0	28,500	...	...	...	300	95.0	28,500
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	2,500	1,800	80.5	145,000	200	22.5	4,500	2,000	75.0	149,500
Alamosa	9,300	9,000	112.0	1,010,000	...	...	...	9,000	112.0	1,010,000
Conejos	6,900	6,500	97.5	635,000	...	...	...	6,500	97.5	635,000
Costilla	4,700	4,500	80.0	360,000	...	...	...	4,500	80.0	360,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	19,500	19,000	107.5	2,045,000	...	...	...	19,000	107.5	2,045,000
Saguache . . .	17,600	17,000	108.0	1,835,000	...	...	...	17,000	108.0	1,835,000
San Luis Valley	58,000	56,000	105.0	5,885,000	...	...	...	56,000	105.0	5,885,000
Baca	1,400	...	...	...	1,000	20.0	20,000	1,000	20.0	20,000
Bent	400	300	55.0	16,500	...	...	...	300	55.0	16,500
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	200	100	55.0	5,500	...	...	...	100	55.0	5,500
Otero	300	100	70.0	7,000	...	...	...	100	70.0	7,000
Prowers	2,200	900	70.0	63,000	500	20.0	10,000	1,400	52.0	73,000
Pueblo	100	100	80.0	8,000	...	...	...	100	80.0	8,000
Southeast	4,600	1,500	66.5	100,000	1,500	20.0	30,000	3,000	43.5	130,000
State Total	90,000	73,000	99.0	7,210,000	10,000	26.0	260,000	83,000	90.0	7,470,000

Barley: Harvested Acres, Colorado, 1983-99 (000 Acres)



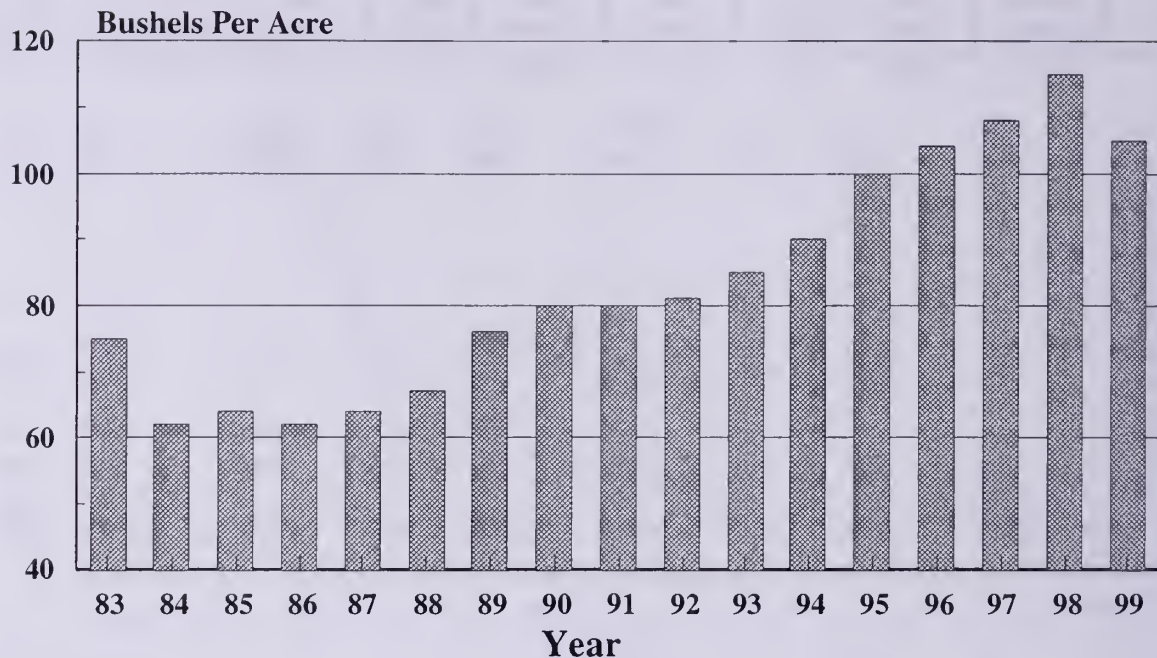
Barley: Acreage and production by county and district, Colorado, 1995

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	900	...	...	...	800	20.0	16,000	800	20.0	16,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	...	...	...	...	...	...	...	...	...	...
Routt	2,600	...	...	...	2,500	32.5	81,000	2,500	32.5	81,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	3,500	...	...	...	3,300	29.5	97,000	3,300	29.5	97,000
Boulder	2,100	1,600	87.5	140,000	400	45.0	18,000	2,000	79.0	158,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	4,300	4,200	93.0	390,000	...	...	...	4,200	93.0	390,000
Logan	600	200	77.5	15,500	400	20.0	8,000	600	39.0	23,500
Morgan	1,300	500	92.0	46,000	700	38.5	27,000	1,200	61.0	73,000
Sedgwick . . .	1,600	300	85.0	25,500	1,100	29.0	32,000	1,400	41.0	57,500
Weld	15,600	10,000	99.5	995,000	3,600	41.0	148,000	13,600	84.0	1,143,000
Northeast	25,500	16,800	96.0	1,612,000	6,200	37.5	233,000	23,000	80.0	1,845,000

Barley: Acreage and production by county and district, Colorado, 1995, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	700	400	95.0	38,000	200	45.0	9,000	600	78.5	47,000
Arapahoe . . .	1,000	100	80.0	8,000	600	40.0	24,000	700	45.5	32,000
Cheyenne . . .	...	...	...	...	...	...	...	...	...	...
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert . . . . .	...	...	...	...	...	...	...	...	...	...
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson . . .	600	300	80.0	24,000	200	35.0	7,000	500	62.0	31,000
Lincoln . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	700	...	...	...	600	31.5	19,000	600	31.5	19,000
Washington . .	600	200	75.0	15,000	300	30.0	9,000	500	48.0	24,000
Yuma	200	...	...	...	...	...	...	...	...	...
East Central	3,800	1,000	85.0	85,000	1,900	36.0	68,000	2,900	53.0	153,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield	300	200	77.5	15,500	...	...	...	200	77.5	15,500
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...	...	...
Mesa	1,000	900	110.0	99,000	...	...	...	900	110.0	99,000
Montezuma . . .	...	...	...	...	...	...	...	...	...	...
Montrose	700	700	115.0	80,500	...	...	...	700	115.0	80,500
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . .	...	...	...	...	...	...	...	...	...	...
Southwest	2,000	1,800	108.5	195,000	...	...	...	1,800	108.5	195,000
Alamosa	12,000	11,000	125.5	1,378,000	...	...	...	11,000	125.5	1,378,000
Conejos	8,900	8,000	114.0	913,000	...	...	...	8,000	114.0	913,000
Costilla	5,800	5,500	112.0	617,000	...	...	...	5,500	112.0	617,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . . .	24,100	23,000	118.0	2,719,000	...	...	...	23,000	118.0	2,719,000
Saguache	20,200	18,000	108.0	1,948,000	...	...	...	18,000	108.0	1,948,000
San Luis Valley	71,000	65,500	115.5	7,575,000	...	...	...	65,500	115.5	7,575,000
Baca	800	...	...	...	600	17.5	10,500	600	17.5	10,500
Bent	500	400	52.5	21,000	...	...	...	400	52.5	21,000
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . . .	...	...	...	...	...	...	...	...	...	...
Otero	300	200	62.5	12,500	...	...	...	200	62.5	12,500
Prowers	900	500	54.0	27,000	200	17.5	3,500	700	43.5	30,500
Pueblo	1,700	300	71.5	21,500	1,300	30.0	39,000	1,600	38.0	60,500
Southeast	4,200	1,400	58.5	82,000	2,100	25.0	53,000	3,500	38.5	135,000
State Total	110,000	86,500	110.5	9,549,000	13,500	33.5	451,000	100,000	100.0	10,000,000

Barley: Yield Per Acre, Colorado, 1983-99 (Bushels Per Acre)



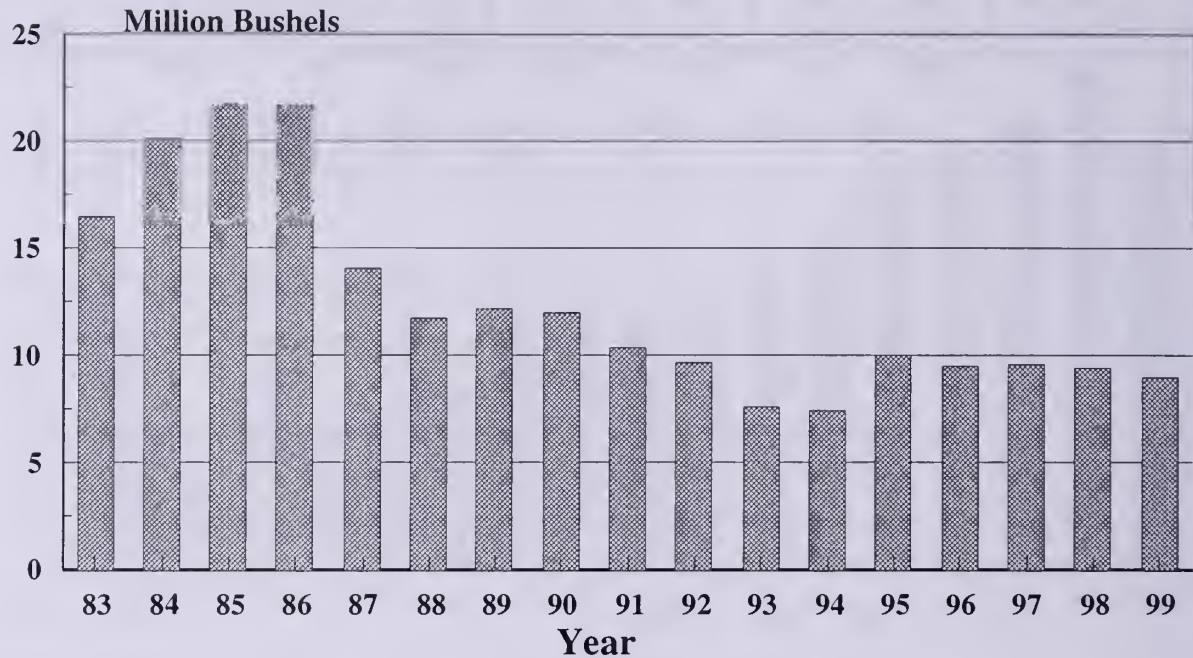
Barley: Acreage and production by county and district, Colorado, 1996

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	700	...	...	...	700	20.5	14,500	700	20.5	14,500
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	300	...	...	...	300	25.0	7,500	300	25.0	7,500
Routt	2,500	...	...	...	2,500	31.0	78,000	2,500	31.0	78,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	3,500	...	...	...	3,500	28.5	100,000	3,500	28.5	100,000
Boulder	2,500	1,300	77.0	100,000	1,200	35.0	42,000	2,500	57.0	142,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	3,600	2,800	93.0	260,000	800	34.0	27,000	3,600	79.5	287,000
Logan	600	...	...	...	600	40.0	24,000	600	40.0	24,000
Morgan	700	100	90.0	9,000	500	30.0	15,000	600	40.0	24,000
Sedgwick . . .	1,400	...	...	...	1,400	33.0	46,000	1,400	33.0	46,000
Weld	14,000	9,100	80.5	731,000	3,200	33.0	106,000	12,300	68.0	837,000
Northeast	22,800	13,300	82.5	1,100,000	7,700	34.0	260,000	21,000	65.0	1,360,000

Barley: Acreage and production by county and district, Colorado, 1996, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	700	300	93.5	28,000	100	30.0	3,000	400	77.5	31,000
Arapahoe . . .	700	...	...	...	600	29.0	17,300	600	29.0	17,300
Cheyenne . . .	...	...	...	...	...	...	...	...	...	...
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	300	...	...	...	300	20.0	6,000	300	20.0	6,000
El Paso	200	...	...	...	...	...	...	...	...	...
Kiowa	200	...	...	...	100	30.0	3,000	100	30.0	3,000
Kit Carson . .	800	400	67.5	27,000	300	33.5	10,000	700	53.0	37,000
Lincoln	200	...	...	...	100	27.0	2,700	100	27.0	2,700
Phillips	800	100	75.0	7,500	600	33.5	20,000	700	39.5	27,500
Washington . .	100	100	75.0	7,500	...	...	...	100	75.0	7,500
Yuma . . . . .	...	...	...	...	...	...	...	...	...	...
East Central	4,000	900	78.0	70,000	2,100	29.5	62,000	3,000	44.0	132,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	200	200	85.0	17,000	...	...	...	200	85.0	17,000
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield	900	700	93.0	65,000	200	30.0	6,000	900	79.0	71,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...	...	...
Mesa	400	400	85.0	34,000	...	...	...	400	85.0	34,000
Montezuma . . .	...	...	...	...	...	...	...	...	...	...
Montrose . . .	1,000	1,000	104.0	104,000	...	...	...	1,000	104.0	104,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	2,500	2,300	95.5	220,000	200	30.0	6,000	2,500	90.5	226,000
Alamosa	8,000	8,000	132.5	1,060,000	...	...	...	8,000	132.5	1,060,000
Conejos	9,500	9,000	122.0	1,100,000	...	...	...	9,000	122.0	1,100,000
Costilla	6,000	6,000	116.5	700,000	...	...	...	6,000	116.5	700,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	21,500	21,000	126.0	2,650,000	...	...	...	21,000	126.0	2,650,000
Saguache . . .	16,000	16,000	132.5	2,120,000	...	...	...	16,000	132.5	2,120,000
San Luis Valley	61,000	60,000	127.0	7,630,000	...	...	...	60,000	127.0	7,630,000
Baca	4,200	...	...	...	200	17.5	3,500	200	17.5	3,500
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	...	...	...	...	...	...	...	...	...	...
Otero	300	...	...	...	200	17.5	3,500	200	17.5	3,500
Prowers	900	800	72.5	58,000	...	...	...	800	72.5	58,000
Pueblo	800	700	74.5	52,000	100	30.0	3,000	800	69.0	55,000
Southeast	6,200	1,500	73.5	110,000	500	20.0	10,000	2,000	60.0	120,000
State Total	100,000	78,000	117.0	9,130,000	14,000	31.5	438,000	92,000	104.0	9,568,000

Barley: Production, Colorado, 1983-99 (Million Bushels)



Barley: Acreage and production by county and district, Colorado, 1997

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	1,700	...	...	...	1,200	45.0	54,000	1,200	45.0	54,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	300	...	...	...	200	40.0	8,000	200	40.0	8,000
Routt	3,000	200	80.0	16,000	1,900	35.5	67,000	2,100	39.5	83,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	5,000	200	80.0	16,000	3,300	39.0	129,000	3,500	41.5	145,000
Boulder	2,200	1,800	86.0	155,000	...	...	...	1,800	86.0	155,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	2,800	2,000	85.0	170,000	400	30.0	12,000	2,400	76.0	182,000
Logan . . . . .	...	...	...	...	...	...	...	...	...	...
Morgan	300	100	90.0	9,000	100	30.0	3,000	200	60.0	12,000
Sedgwick . . .	300	200	90.0	18,000	...	...	...	200	90.0	18,000
Weld	12,400	9,000	92.0	828,000	2,400	29.0	69,000	11,400	78.5	897,000
Northeast	18,000	13,100	90.0	1,180,000	2,900	29.0	84,000	16,000	79.0	1,264,000

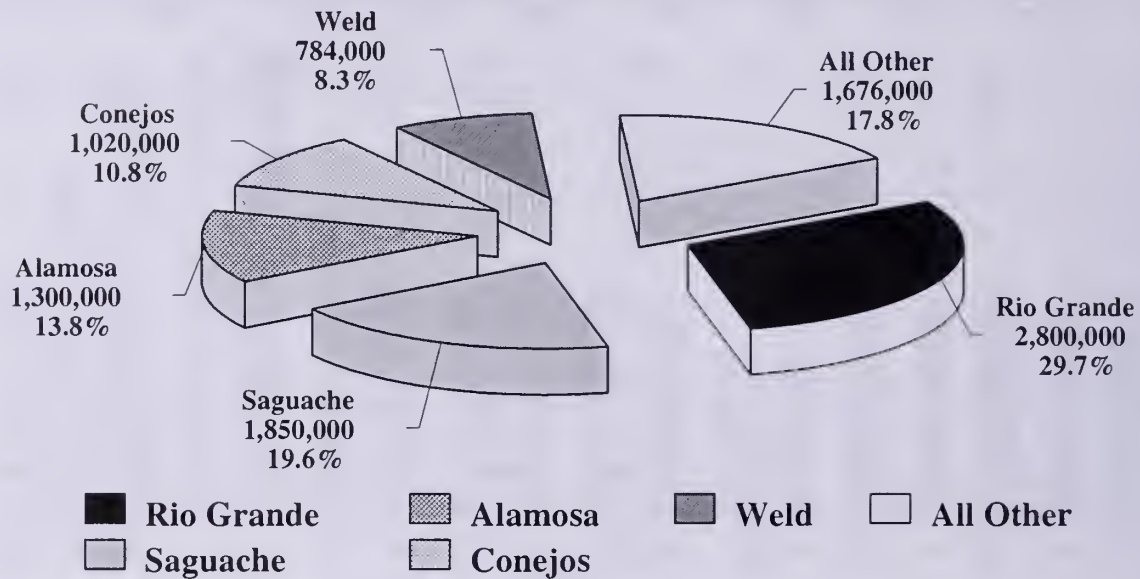
Barley: Acreage and production by county and district, Colorado, 1997, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	900	100	80.0	8,000	600	33.5	20,000	700	40.0	28,000
Arapahoe . . .	200	...	...	...	100	35.0	3,500	100	35.0	3,500
Cheyenne . . .	...	...	...	...	...	...	...	...	...	...
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert . . . . .	...	...	...	...	...	...	...	...	...	...
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa	500	...	...	...	400	35.0	14,000	400	35.0	14,000
Kit Carson . .	800	400	77.5	31,000	200	30.0	6,000	600	61.5	37,000
Lincoln	300	...	...	...	200	35.0	7,000	200	35.0	7,000
Phillips	1,000	100	80.0	8,000	800	47.0	37,500	900	50.5	45,500
Washington . .	400	...	...	...	300	30.0	9,000	300	30.0	9,000
Yuma	100	100	80.0	8,000	...	...	...	100	80.0	8,000
East Central	4,200	700	78.5	55,000	2,600	37.5	97,000	3,300	46.0	152,000
Archuleta . . .	100	100	70.0	7,000	...	...	...	100	70.0	7,000
Delta	100	100	95.0	9,500	...	...	...	100	95.0	9,500
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield	400	300	83.5	25,000	100	35.0	3,500	400	71.5	28,500
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	300	100	65.0	6,500	200	15.0	3,000	300	31.5	9,500
Mesa	500	400	115.0	46,000	100	35.0	3,500	500	99.0	49,500
Montezuma . .	...	...	...	...	...	...	...	...	...	...
Montrose . . .	1,100	1,000	102.0	102,000	...	...	...	1,000	102.0	102,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	2,500	2,000	98.0	196,000	400	25.0	10,000	2,400	86.0	206,000
Alamosa	12,700	12,500	124.0	1,550,000	...	...	...	12,500	124.0	1,550,000
Conejos	10,200	10,000	110.0	1,100,000	...	...	...	10,000	110.0	1,100,000
Costilla	4,700	4,500	112.0	505,000	...	...	...	4,500	112.0	505,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	21,200	21,000	132.0	2,775,000	...	...	...	21,000	132.0	2,775,000
Saguache . . .	14,700	14,500	128.0	1,855,000	...	...	...	14,500	128.0	1,855,000
San Luis Valley	63,500	62,500	124.5	7,785,000	...	...	...	62,500	124.5	7,785,000
Baca	300	...	...	...	200	35.0	7,000	200	35.0	7,000
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	...	...	...	...	...	...	...	...	...	...
Otero	400	300	70.0	21,000	...	...	...	300	70.0	21,000
Prowers	1,100	200	70.0	14,000	600	30.0	18,000	800	40.0	32,000
Pueblo . . . . .	...	...	...	...	...	...	...	...	...	...
Southeast	1,800	500	70.0	35,000	800	31.5	25,000	1,300	46.0	60,000
State Total	95,000	79,000	117.5	9,267,000	10,000	34.5	345,000	89,000	108.0	9,612,000

Barley Production - 1998 Crop

Top Five Counties, Colorado

Production in Bushels and Percent of Total



Barley: Acreage and production by county and district, Colorado, 1998

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	1,200	...	...	...	1,000	30.0	30,000	1,000	30.0	30,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	300	...	...	...	...	...	...	...	...	...
Routt	2,800	200	100.0	20,000	2,300	30.0	69,000	2,500	35.5	89,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	4,300	200	100.0	20,000	3,300	30.0	99,000	3,500	34.0	119,000
Boulder	2,500	2,000	95.0	190,000	...	...	...	2,000	95.0	190,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	3,200	2,200	91.0	200,000	500	32.0	16,000	2,700	80.0	216,000
Logan . . . . .	...	...	...	...	...	...	...	...	...	...
Morgan	400	...	...	...	...	...	...	...	...	...
Sedgwick . . .	500	300	90.0	27,000	...	...	...	300	90.0	27,000
Weld	10,700	7,600	95.0	723,000	1,900	32.0	61,000	9,500	82.5	784,000
Northeast	17,300	12,100	94.0	1,140,000	2,400	32.0	77,000	14,500	84.0	1,217,000

Barley: Acreage and production by county and district, Colorado, 1998, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	1,200	100	80.0	8,000	800	35.0	28,000	900	40.0	36,000
Arapahoe . . .	200	...	...	...	100	35.0	3,500	100	35.0	3,500
Cheyenne . . .	...	...	...	...	...	...	...	...	...	...
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert . . . . .	...	...	...	...	...	...	...	...	...	...
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa	300	...	...	...	200	35.0	7,000	200	35.0	7,000
Kit Carson . .	600	300	80.0	24,000	200	30.0	6,000	500	60.0	30,000
Lincoln	300	...	...	...	...	...	...	...	...	...
Phillips	1,400	200	80.0	16,000	900	37.0	33,500	1,100	45.0	49,500
Washington . .	300	...	...	...	200	30.0	6,000	200	30.0	6,000
Yuma . . . . .	...	...	...	...	...	...	...	...	...	...
East Central	4,300	600	80.0	48,000	2,400	35.0	84,000	3,000	44.0	132,000
Archuleta . . .	100	100	80.0	8,000	...	...	...	100	80.0	8,000
Delta	200	200	95.0	19,000	...	...	...	200	95.0	19,000
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield	500	300	80.0	24,000	100	30.0	3,000	400	67.5	27,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...	...	...
Mesa	600	300	120.0	36,000	200	30.0	6,000	500	84.0	42,000
Montezuma . . .	...	...	...	...	...	...	...	...	...	...
Montrose . . .	1,200	800	116.5	93,000	...	...	...	800	116.5	93,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . .	...	...	...	...	...	...	...	...	...	...
Southwest	2,600	1,700	106.0	180,000	300	30.0	9,000	2,000	94.5	189,000
Alamosa	10,300	10,000	130.0	1,300,000	...	...	...	10,000	130.0	1,300,000
Conejos	8,900	8,500	120.0	1,020,000	...	...	...	8,500	120.0	1,020,000
Costilla	6,200	6,000	125.0	750,000	...	...	...	6,000	125.0	750,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	20,600	20,000	140.0	2,800,000	...	...	...	20,000	140.0	2,800,000
Saguache . . .	14,000	13,500	137.0	1,850,000	...	...	...	13,500	137.0	1,850,000
San Luis Valley	60,000	58,000	133.0	7,720,000	...	...	...	58,000	133.0	7,720,000
Baca . . . . .	...	...	...	...	...	...	...	...	...	...
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . . .	...	...	...	...	...	...	...	...	...	...
Otero	400	300	80.0	24,000	...	...	...	300	80.0	24,000
Prowers	1,100	100	80.0	8,000	600	35.0	21,000	700	41.5	29,000
Pueblo . . . . .	...	...	...	...	...	...	...	...	...	...
Southeast	1,500	400	80.0	32,000	600	35.0	21,000	1,000	53.0	53,000
State Total	90,000	73,000	125.0	9,140,000	9,000	32.0	290,000	82,000	115.0	9,430,000

A map of Colorado showing its 64 counties. Five regions are highlighted with different patterns and numbers:

- Region 1:** Solid dark gray, covering Rio Grande and Conejos counties.
- Region 2:** Solid dark gray, covering Saguache county.
- Region 3:** Solid dark gray, covering Alamosa county.
- Region 4:** Diagonal lines (bottom-left to top-right), covering Conejos county.
- Region 5:** Diagonal lines (top-left to bottom-right), covering Costilla county.

Other counties shown include Moffat, Routt, Jackson, Larimer, Weld, Logan, Sedgwick, Phillips, Rio Blanco, Grant, Boulder, Morgan, Washington, Yuma, Otero, Adams, Arapahoe, Kit Carson, Cheyenne, Kiowa, Fremont, Pueblo, Custer, Huerfano, Las Animas, Baca, Bent, Prowers, Otero, Crowley, Lincoln, El Paso, Tellico, Douglas, Jefferson, Clear Creek, Summit, Eagle, Pitkin, Lake, Park, Chaffee, Gunnison, Delta, Mesa, Montrose, Ouray, San Miguel, Dolores, San Juan, Hinsdale, Mineral, Archuleta, Montezuma, La Plata, and Morgan.

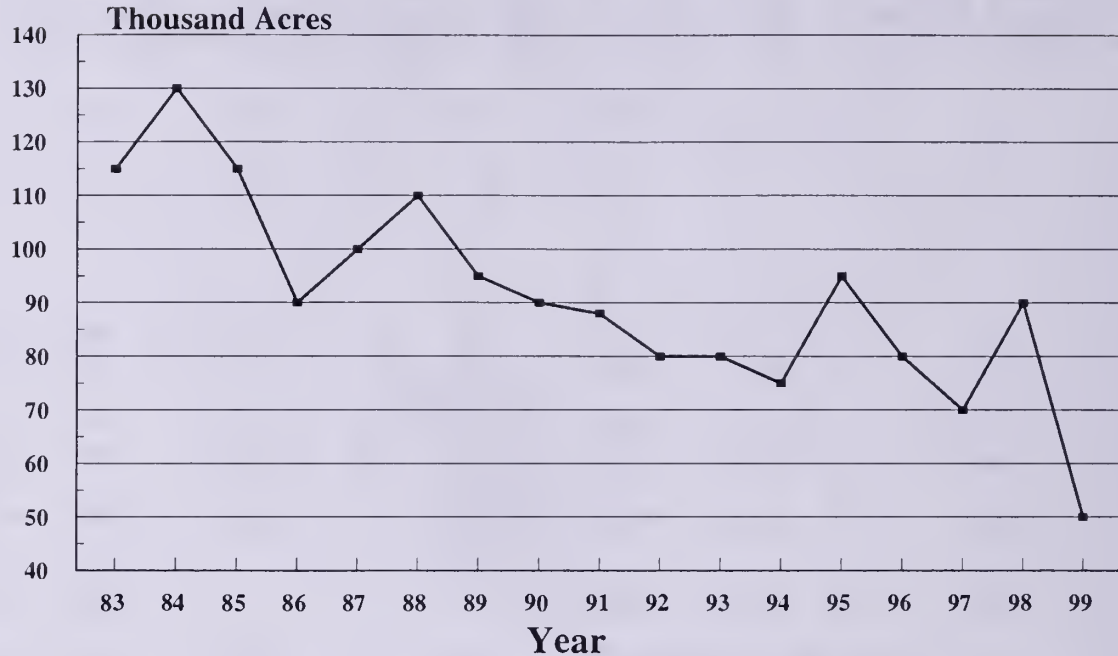
 UNDER 10,000
 10,000-99,999
 100,000-999,999
 1,000,000 PLUS

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	600	...	...	...	500	26.0	13,000	500	26.0	13,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	300	...	...	...	300	26.5	8,000	300	26.5	8,000
Routt	3,300	200	50.0	10,000	2,500	27.0	68,000	2,700	29.0	78,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	4,200	200	50.0	10,000	3,300	27.0	89,000	3,500	28.5	99,000
Boulder	1,700	1,300	96.0	125,000	200	40.0	8,000	1,500	88.5	133,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	2,400	1,700	100.0	170,000	300	33.5	10,000	2,000	90.0	180,000
Logan	300	...	...	...	200	10.0	2,000	200	10.0	2,000
Morgan	400	...	...	...	300	20.0	6,000	300	20.0	6,000
Sedgwick . . .	1,500	...	...	...	1,500	24.0	36,000	1,500	24.0	36,000
Weld	11,200	7,500	92.0	690,000	2,000	27.0	54,000	9,500	78.5	744,000
Northeast	17,500	10,500	94.0	985,000	4,500	26.0	116,000	15,000	73.5	1,101,000

Barley: Acreage and production by county and district, Colorado, 1999, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	1,300	400	100.0	40,000	600	21.5	13,000	1,000	53.0	53,000
Arapahoe ...	...	...	...	...	...	...	...	...	...	...
Cheyenne ...	400	...	...	...	300	16.5	5,000	300	16.5	5,000
Denver .....	...	...	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...	...	...
Elbert .....	...	...	...	...	...	...	...	...	...	...
El Paso .....	...	...	...	...	...	...	...	...	...	...
Kiowa	300	...	...	...	200	25.0	5,000	200	25.0	5,000
Kit Carson ..	600	200	100.0	20,000	200	25.0	5,000	400	62.5	25,000
Lincoln .....	...	...	...	...	...	...	...	...	...	...
Phillips	1,000	200	100.0	20,000	700	33.0	23,000	900	48.0	43,000
Washington ..	800	200	100.0	20,000	500	20.0	10,000	700	43.0	30,000
Yuma .....	...	...	...	...	...	...	...	...	...	...
East Central	4,400	1,000	100.0	100,000	2,500	24.5	61,000	3,500	46.0	161,000
Archuleta ...	...	...	...	...	...	...	...	...	...	...
Delta	200	200	105.0	21,000	...	...	...	200	105.0	21,000
Dolores .....	...	...	...	...	...	...	...	...	...	...
Garfield	500	400	105.0	42,000	...	...	...	400	105.0	42,000
Hinsdale .....	...	...	...	...	...	...	...	...	...	...
La Plata .....	...	...	...	...	...	...	...	...	...	...
Mesa	600	500	96.0	48,000	...	...	...	500	96.0	48,000
Montezuma ..	...	...	...	...	...	...	...	...	...	...
Montrose ...	1,300	600	115.0	69,000	300	13.5	4,000	900	81.0	73,000
Ouray .....	...	...	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...	...	...
San Miguel ..	...	...	...	...	...	...	...	...	...	...
Southwest	2,600	1,700	106.0	180,000	300	13.5	4,000	2,000	92.0	184,000
Alamosa	10,800	10,500	123.0	1,290,000	...	...	...	10,500	123.0	1,290,000
Conejos	9,700	9,000	116.0	1,045,000	...	...	...	9,000	116.0	1,045,000
Costilla	8,500	6,500	116.0	755,000	...	...	...	6,500	116.0	755,000
Mineral .....	...	...	...	...	...	...	...	...	...	...
Rio Grande ..	21,500	21,000	120.0	2,520,000	...	...	...	21,000	120.0	2,520,000
Saguache ...	14,500	14,000	130.0	1,820,000	...	...	...	14,000	130.0	1,820,000
San Luis Valley	65,000	61,000	122.0	7,430,000	...	...	...	61,000	122.0	7,430,000
Baca .....	...	...	...	...	...	...	...	...	...	...
Bent .....	...	...	...	...	...	...	...	...	...	...
Crowley .....	...	...	...	...	...	...	...	...	...	...
Custer .....	...	...	...	...	...	...	...	...	...	...
Fremont .....	...	...	...	...	...	...	...	...	...	...
Huerfano .....	...	...	...	...	...	...	...	...	...	...
Las Animas ..	...	...	...	...	...	...	...	...	...	...
Otero	300	200	75.0	15,000	...	...	...	200	75.0	15,000
Prowers	1,000	400	75.0	30,000	400	25.0	10,000	800	50.0	40,000
Pueblo .....	...	...	...	...	...	...	...	...	...	...
Southeast	1,300	600	75.0	45,000	400	25.0	10,000	1,000	55.0	55,000
State Total	95,000	75,000	116.5	8,750,000	11,000	25.5	280,000	86,000	105.0	9,030,000

Oats: Planted Acres, Colorado, 1983-99 (000 Acres)



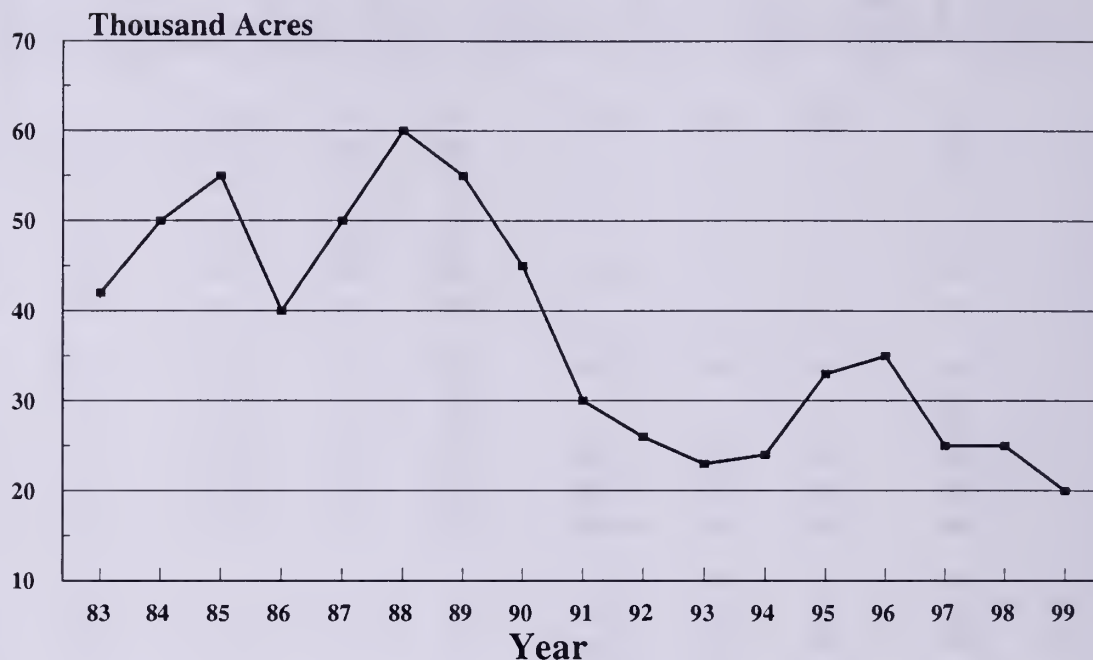
Oats: Acreage and production by county and district, Colorado, 1994

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee	200	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle	100	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson	100	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	3,700	200	70.0	14,000	1,700	26.5	45,000	1,900	31.0	59,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin	300	100	50.0	5,000	...	...	...	100	50.0	5,000
Rio Blanco . .	300	...	...	...	...	...	...	...	...	...
Routt	800	100	60.0	6,000	400	37.5	15,000	500	42.0	21,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	5,500	400	62.5	25,000	2,100	28.5	60,000	2,500	34.0	85,000
Boulder	500	100	95.0	9,500	100	30.0	3,000	200	62.5	12,500
Jefferson . . .	200	...	...	...	...	...	...	...	...	...
Larimer	1,000	100	95.0	9,500	100	30.0	3,000	200	62.5	12,500
Logan	3,700	300	76.5	23,000	300	23.5	7,000	600	50.0	30,000
Morgan	1,000	100	70.0	7,000	100	40.0	4,000	200	55.0	11,000
Sedgwick . . .	1,800	...	...	...	800	35.0	28,000	800	35.0	28,000
Weld	5,800	1,200	65.0	78,000	600	25.0	15,000	1,800	51.5	93,000
Northeast	14,000	1,800	70.5	127,000	2,000	30.0	60,000	3,800	49.0	187,000

Oats: Acreage and production by county and district, Colorado, 1994, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	1,500	200	75.0	15,000	400	40.0	16,000	600	51.5	31,000
Arapahoe . . .	800	...	...	...	100	40.0	4,000	100	40.0	4,000
Cheyenne . . .	600	...	...	...	100	40.0	4,000	100	40.0	4,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	800	...	...	...	200	25.0	5,000	200	25.0	5,000
Elbert	4,100	200	75.0	15,000	800	25.0	20,000	1,000	35.0	35,000
El Paso	700	...	...	...	100	40.0	4,000	100	40.0	4,000
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson . . .	2,000	300	80.0	24,000	100	50.0	5,000	400	72.5	29,000
Lincoln	300	...	...	...	100	40.0	4,000	100	40.0	4,000
Phillips	1,900	...	...	...	500	40.0	20,000	500	40.0	20,000
Washington . .	2,400	200	85.0	17,000	400	35.0	14,000	600	51.5	31,000
Yuma	1,900	100	90.0	9,000	100	50.0	5,000	200	70.0	14,000
East Central	17,000	1,000	80.0	80,000	2,900	35.0	101,000	3,900	46.5	181,000
Archuleta . . .	400	100	80.0	8,000	...	...	...	100	80.0	8,000
Delta	1,900	800	95.0	76,000	...	...	...	800	95.0	76,000
Dolores	1,500	100	70.0	7,000	100	20.0	2,000	200	45.0	9,000
Garfield	1,500	700	70.0	49,000	...	...	...	700	70.0	49,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	3,800	800	94.0	75,000	1,600	15.0	24,000	2,400	41.5	99,000
Mesa	1,700	900	85.5	77,000	...	...	...	900	85.5	77,000
Montezuma . . .	2,300	1,000	85.0	85,000	300	10.0	3,000	1,300	67.5	88,000
Montrose	1,400	800	72.5	58,000	...	...	...	800	72.5	58,000
Ouray	400	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . .	1,100	300	90.0	27,000	...	...	...	300	90.0	27,000
Southwest	16,000	5,500	84.0	462,000	2,000	14.5	29,000	7,500	65.5	491,000
Alamosa	5,800	1,400	85.0	119,000	...	...	...	1,400	85.0	119,000
Conejos	5,900	1,500	80.0	120,000	...	...	...	1,500	80.0	120,000
Costilla	900	300	90.0	27,000	...	...	...	300	90.0	27,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . . .	1,700	400	90.0	36,000	...	...	...	400	90.0	36,000
Saguache	3,700	900	75.5	68,000	...	...	...	900	75.5	68,000
San Luis Valley	18,000	4,500	82.0	370,000	...	...	...	4,500	82.0	370,000
Baca	200	100	70.0	7,000	...	...	...	100	70.0	7,000
Bent	300	100	80.0	8,000	...	...	...	100	80.0	8,000
Crowley	400	100	70.0	7,000	...	...	...	100	70.0	7,000
Custer	100	...	...	...	...	...	...	...	...	...
Fremont	100	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . . .	700	500	64.0	32,000	...	...	...	500	64.0	32,000
Otero	1,500	600	75.0	45,000	...	...	...	600	75.0	45,000
Prowers	700	200	65.0	13,000	...	...	...	200	65.0	13,000
Pueblo	500	200	70.0	14,000	...	...	...	200	70.0	14,000
Southeast	4,500	1,800	70.0	126,000	...	...	...	1,800	70.0	126,000
State Total	75,000	15,000	79.5	1,190,000	9,000	28.0	250,000	24,000	60.0	1,440,000

Oats: Harvested Acres, Colorado, 1983-99 (000 Acres)



Oats: Acreage and production by county and district, Colorado, 1995

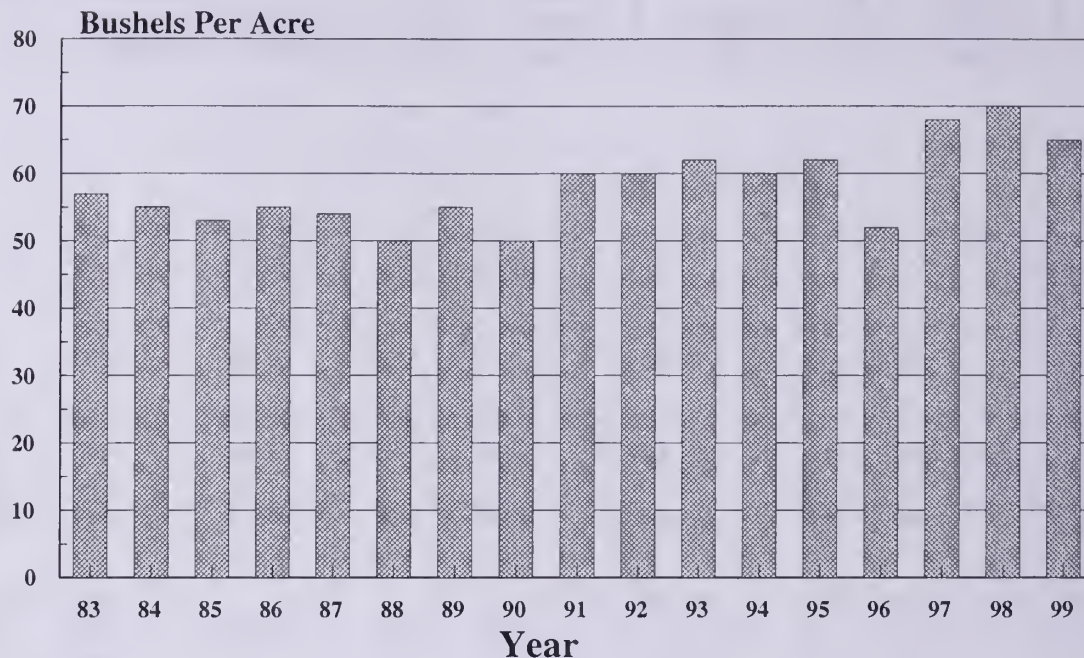
County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . .	...	...	...	...	...	...	...	...	...
Clear Creek ..	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...
Gunnison ...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...
Moffat . . . . .	...	...	...	1,900	34.0	65,000	1,900	34.0	65,000
Park . . . . .	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...
Rio Blanco ..	...	...	...	...	...	...	...	...	...
Routt . . . . .	...	...	...	600	41.5	25,000	600	41.5	25,000
Summit . . . .	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	2,500	36.0	90,000	2,500	36.0	90,000
Boulder	300	66.5	20,000	...	...	...	300	66.5	20,000
Jefferson . . .	...	...	...	...	...	...	...	...	...
Larimer . . . .	...	...	...	...	...	...	...	...	...
Logan	500	60.0	30,000	900	39.0	35,000	1,400	46.5	65,000
Morgan	500	60.0	30,000	...	...	...	500	60.0	30,000
Sedgwick ...	...	...	...	800	37.5	30,000	800	37.5	30,000
Weld	2,200	72.5	160,000	800	37.5	30,000	3,000	63.5	190,000
Northeast	3,500	68.5	240,000	2,500	38.0	95,000	6,000	56.0	335,000

Oats: Acreage and production by county and district, Colorado, 1995, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams . . . . .	...	...	...	800	46.5	37,000	800	46.5	37,000
Arapahoe . . .	...	...	...	...	...	...	...	...	...
Cheyenne . . .	...	...	...	...	...	...	...	...	...
Denver . . . . .	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	800	31.5	25,000	800	31.5	25,000
Elbert . . . . .	...	...	...	1,500	38.5	58,000	1,500	38.5	58,000
El Paso . . . . .	...	...	...	...	...	...	...	...	...
Kiowa . . . . .	...	...	...	...	...	...	...	...	...
Kit Carson . .	700	78.5	55,000	300	33.5	10,000	1,000	65.0	65,000
Lincoln . . . . .	...	...	...	...	...	...	...	...	...
Phillips . . . . .	...	...	...	300	33.5	10,000	300	33.5	10,000
Washington . .	600	75.0	45,000	500	30.0	15,000	1,100	54.5	60,000
Yuma	500	70.0	35,000	...	...	...	500	70.0	35,000
East Central	1,800	75.0	135,000	4,200	37.0	155,000	6,000	48.5	290,000
Archuleta . . .	...	...	...	...	...	...	...	...	...
Delta	900	105.5	95,000	...	...	...	900	105.5	95,000
Dolores . . . . .	...	...	...	500	20.0	10,000	500	20.0	10,000
Garfield	800	81.5	65,000	...	...	...	800	81.5	65,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...
La Plata	900	83.5	75,000	1,800	22.0	40,000	2,700	42.5	115,000
Mesa	1,200	108.5	130,000	...	...	...	1,200	108.5	130,000
Montezuma . .	1,200	91.5	110,000	700	13.0	9,000	1,900	62.5	119,000
Montrose . . .	1,200	71.0	85,000	...	...	...	1,200	71.0	85,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	800	21.5	17,000	800	21.5	17,000
Southwest	6,200	90.5	560,000	3,800	20.0	76,000	10,000	63.5	636,000
Alamosa	1,500	93.5	140,000	...	...	...	1,500	93.5	140,000
Conejos	3,200	86.0	275,000	...	...	...	3,200	86.0	275,000
Costilla	500	86.0	43,000	...	...	...	500	86.0	43,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...
Rio Grande . .	800	62.5	50,000	...	...	...	800	62.5	50,000
Saguache . . .	1,000	92.0	92,000	...	...	...	1,000	92.0	92,000
San Luis Valley	7,000	85.5	600,000	...	...	...	7,000	85.5	600,000
Baca . . . . .	...	...	...	...	...	...	...	...	...
Bent	200	60.0	12,000	...	...	...	200	60.0	12,000
Crowley . . . .	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...
Las Animas . .	...	...	...	...	...	...	...	...	...
Otero	1,100	63.5	70,000	...	...	...	1,100	63.5	70,000
Prowers . . . . .	...	...	...	...	...	...	...	...	...
Pueblo	200	65.0	13,000	...	...	...	200	65.0	13,000
Southeast	1,500	63.5	95,000	...	...	...	1,500	63.5	95,000
State Total	20,000	81.5	1,630,000	13,000	32.0	416,000	33,000	62.0	2,046,000

Oats: Yield Per Acre, Colorado, 1983-99

(Bushels Per Acre)



Oats: Acreage and production by county and district, Colorado, 1996

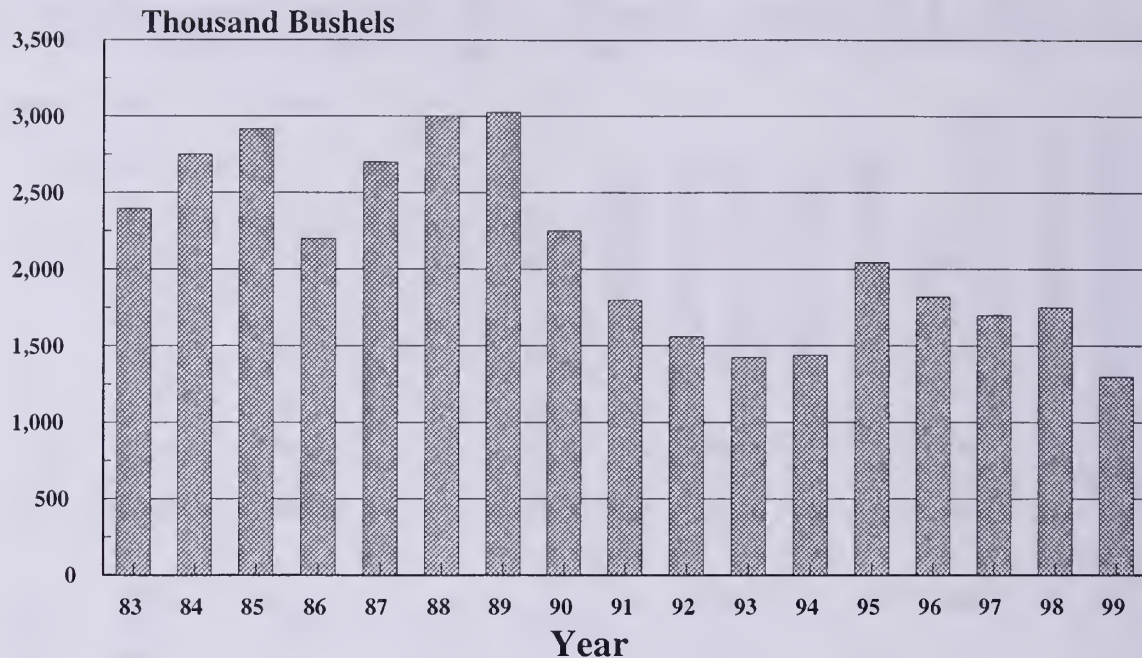
County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...
Moffat . . . . .	...	...	...	1,500	20.0	30,000	1,500	20.0	30,000
Park . . . . .	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...
Rio Blanco . .	...	...	...	...	...	...	...	...	...
Routt . . . . .	...	...	...	500	20.0	10,000	500	20.0	10,000
Summit . . . .	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	2,000	20.0	40,000	2,000	20.0	40,000
Boulder	200	65.0	13,000	...	...	...	200	65.0	13,000
Jefferson . . .	...	...	...	...	...	...	...	...	...
Larimer . . . .	...	...	...	...	...	...	...	...	...
Logan	500	40.0	20,000	600	16.5	10,000	1,100	27.5	30,000
Morgan	1,500	36.0	54,000	...	...	...	1,500	36.0	54,000
Sedgwick . . .	...	...	...	1,000	20.0	20,000	1,000	20.0	20,000
Weld	1,800	51.5	93,000	1,900	13.0	25,000	3,700	32.0	118,000
Northeast	4,000	45.0	180,000	3,500	15.5	55,000	7,500	31.5	235,000

Oats: Acreage and production by county and district, Colorado, 1996, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams .....	...	...	...	500	40.0	20,000	500	40.0	20,000
Arapahoe ...	...	...	...	...	...	...	...	...	...
Cheyenne ...	300	33.5	10,000	...	...	...	300	33.5	10,000
Denver .....	...	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	600	30.0	18,000	600	30.0	18,000
Elbert	200	45.0	9,000	1,600	37.0	59,000	1,800	38.0	68,000
El Paso .....	...	...	...	...	...	...	...	...	...
Kiowa .....	...	...	...	...	...	...	...	...	...
Kit Carson ..	500	46.0	23,000	700	40.0	28,000	1,200	42.5	51,000
Lincoln .....	...	...	...	...	...	...	...	...	...
Phillips .....	...	...	...	500	26.0	13,000	500	26.0	13,000
Washington ..	300	43.5	13,000	1,200	36.0	43,000	1,500	37.5	56,000
Yuma	200	50.0	10,000	400	35.0	14,000	600	40.0	24,000
East Central	1,500	43.5	65,000	5,500	35.5	195,000	7,000	37.0	260,000
Archuleta ...	...	...	...	...	...	...	...	...	...
Delta	1,600	70.0	112,000	...	...	...	1,600	70.0	112,000
Dolores .....	...	...	...	500	10.0	5,000	500	10.0	5,000
Garfield	600	45.0	27,000	...	...	...	600	45.0	27,000
Hinsdale .....	...	...	...	...	...	...	...	...	...
La Plata	1,500	54.0	81,000	1,000	9.0	9,000	2,500	36.0	90,000
Mesa	1,000	75.0	75,000	...	...	...	1,000	75.0	75,000
Montezuma ..	2,700	92.0	248,000	...	...	...	2,700	92.0	248,000
Montrose ...	1,600	70.0	112,000	...	...	...	1,600	70.0	112,000
Ouray .....	...	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...	...
San Miguel ..	...	...	...	500	12.0	6,000	500	12.0	6,000
Southwest	9,000	73.0	655,000	2,000	10.0	20,000	11,000	61.5	675,000
Alamosa	1,200	93.5	112,000	...	...	...	1,200	93.5	112,000
Conejos	3,000	80.0	240,000	...	...	...	3,000	80.0	240,000
Costilla	200	80.0	16,000	...	...	...	200	80.0	16,000
Mineral .....	...	...	...	...	...	...	...	...	...
Rio Grande ..	1,300	100.0	130,000	...	...	...	1,300	100.0	130,000
Saguache ...	800	96.5	77,000	...	...	...	800	96.5	77,000
San Luis Valley	6,500	88.5	575,000	...	...	...	6,500	88.5	575,000
Baca .....	...	...	...	...	...	...	...	...	...
Bent .....	...	...	...	...	...	...	...	...	...
Crowley .....	...	...	...	...	...	...	...	...	...
Custer .....	...	...	...	...	...	...	...	...	...
Fremont .....	...	...	...	...	...	...	...	...	...
Huerfano .....	...	...	...	...	...	...	...	...	...
Las Animas ..	...	...	...	...	...	...	...	...	...
Otero	1,000	35.0	35,000	...	...	...	1,000	35.0	35,000
Prowers .....	...	...	...	...	...	...	...	...	...
Pueblo .....	...	...	...	...	...	...	...	...	...
Southeast	1,000	35.0	35,000	...	...	...	1,000	35.0	35,000
State Total	22,000	68.5	1,510,000	13,000	24.0	310,000	35,000	52.0	1,820,000

Oats: Production, Colorado, 1983-99

(000 Bushels)



Oats: Acreage and production by county and district, Colorado, 1997

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee .....	...	...	...	...	...	...	...	...	...
Clear Creek ..	...	...	...	...	...	...	...	...	...
Eagle	200	65.0	13,000	...	...	...	200	65.0	13,000
Gilpin .....	...	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...	...
Gunnison ...	...	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...
Moffat	100	60.0	6,000	700	41.5	29,000	800	44.0	35,000
Park .....	...	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...	...
Rio Blanco ..	...	...	...	...	...	...	...	...	...
Routt .....	...	...	...	300	43.5	13,000	300	43.5	13,000
Summit .....	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...
NW & Mountain	300	63.5	19,000	1,000	42.0	42,000	1,300	47.0	61,000
Boulder	600	80.0	48,000	...	...	...	600	80.0	48,000
Jefferson .....	...	...	...	...	...	...	...	...	...
Larimer	100	80.0	8,000	200	40.0	8,000	300	53.5	16,000
Logan	200	80.0	16,000	...	...	...	200	80.0	16,000
Morgan	100	90.0	9,000	200	45.0	9,000	300	60.0	18,000
Sedgwick ...	200	75.0	15,000	...	...	...	200	75.0	15,000
Weld	600	73.5	44,000	500	50.0	25,000	1,100	62.5	69,000
Northeast	1,800	78.0	140,000	900	46.5	42,000	2,700	67.5	182,000

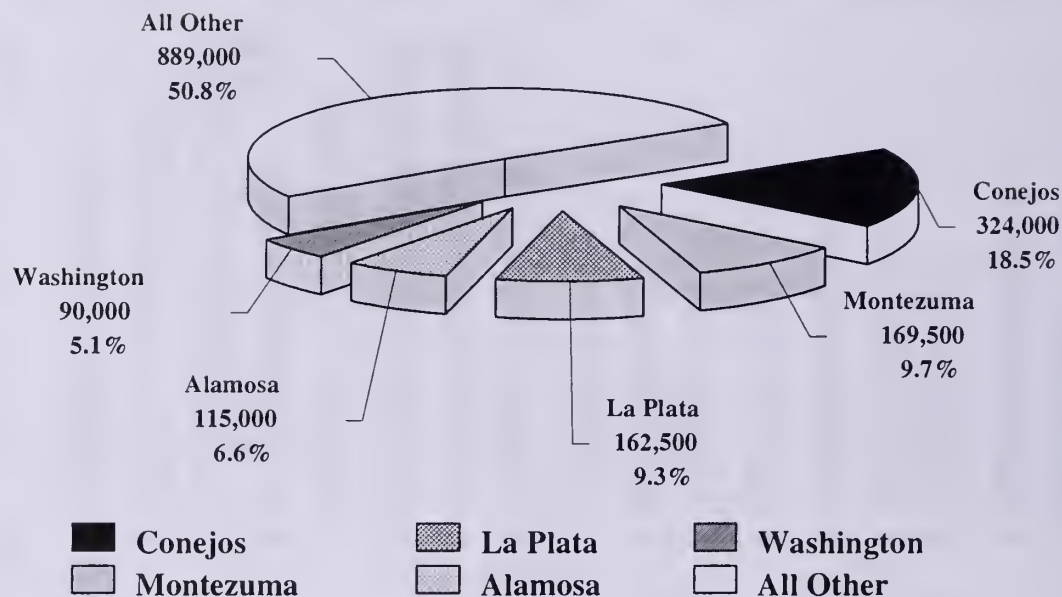
Oats: Acreage and production by county and district, Colorado, 1997, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams . . . . .	...	...	...	200	40.0	8,000	200	40.0	8,000
Arapahoe . . .	...	...	...	300	30.0	9,000	300	30.0	9,000
Cheyenne . . .	...	...	...	...	...	...	...	...	...
Denver . . . . .	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	300	43.5	13,000	300	43.5	13,000
Elbert . . . . .	...	...	...	800	32.5	26,000	800	32.5	26,000
El Paso . . . . .	...	...	...	200	30.0	6,000	200	30.0	6,000
Kiowa . . . . .	...	...	...	...	...	...	...	...	...
Kit Carson . .	100	70.0	7,000	200	40.0	8,000	300	50.0	15,000
Lincoln . . . . .	...	...	...	...	...	...	...	...	...
Phillips . . . .	...	...	...	...	...	...	...	...	...
Washington . .	600	71.5	43,000	1,100	34.5	38,000	1,700	47.5	81,000
Yuma	100	60.0	6,000	300	33.5	10,000	400	40.0	16,000
East Central	800	70.0	56,000	3,400	34.5	118,000	4,200	41.5	174,000
Archuleta . . .	...	...	...	...	...	...	...	...	...
Delta	900	98.0	88,000	...	...	...	900	98.0	88,000
Dolores . . . . .	...	...	...	500	24.0	12,000	500	24.0	12,000
Garfield	500	50.0	25,000	...	...	...	500	50.0	25,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...
La Plata	1,200	102.5	123,000	1,900	26.5	50,000	3,100	56.0	173,000
Mesa	500	74.0	37,000	100	30.0	3,000	600	66.5	40,000
Montezuma . .	1,200	80.0	96,000	400	25.0	10,000	1,600	66.5	106,000
Montrose . . .	700	83.0	58,000	200	30.0	6,000	900	71.0	64,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...
San Miguel . .	200	100.0	20,000	1,300	30.0	39,000	1,500	39.5	59,000
Southwest	5,200	86.0	447,000	4,400	27.5	120,000	9,600	59.0	567,000
Alamosa	1,400	110.0	154,000	...	...	...	1,400	110.0	154,000
Conejos	3,100	100.0	310,000	...	...	...	3,100	100.0	310,000
Costilla	400	95.0	38,000	...	...	...	400	95.0	38,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...
Rio Grande . .	900	120.0	108,000	...	...	...	900	120.0	108,000
Saguache . . .	400	105.0	42,000	...	...	...	400	105.0	42,000
San Luis Valley	6,200	105.0	652,000	...	...	...	6,200	105.0	652,000
Baca . . . . .	...	...	...	...	...	...	...	...	...
Bent	100	80.0	8,000	...	...	...	100	80.0	8,000
Crowley . . . .	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...
Las Animas . .	200	100.0	20,000	...	...	...	200	100.0	20,000
Otero	400	70.0	28,000	...	...	...	400	70.0	28,000
Prowers . . . . .	...	...	...	200	25.0	5,000	200	25.0	5,000
Pueblo . . . . .	...	...	...	100	30.0	3,000	100	30.0	3,000
Southeast	700	80.0	56,000	300	26.5	8,000	1,000	64.0	64,000
State Total	15,000	91.5	1,370,000	10,000	33.0	330,000	25,000	68.0	1,700,000

Oats Production - 1998 Crop

Top Five Counties, Colorado

Production in Bushels and Percent of Total



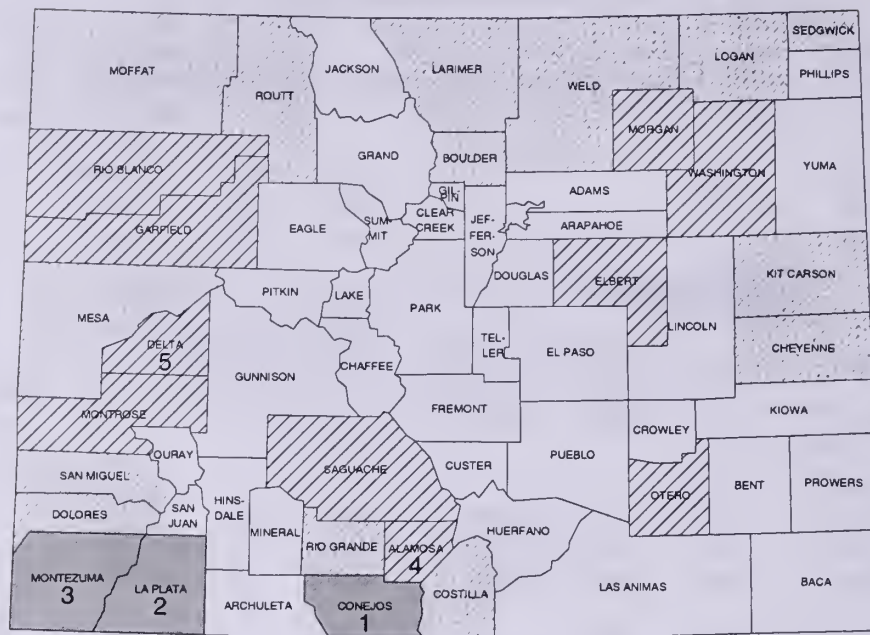
Oats: Acreage and production by county and district, Colorado, 1998

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle	1,000	200	60.0	12,000	...	...	...	200	60.0	12,000
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	900	...	...	...	500	56.0	28,000	500	56.0	28,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin	200	...	...	...	...	...	...	...	...	...
Rio Blanco . .	300	...	...	...	200	40.0	8,000	200	40.0	8,000
Routt	600	...	...	...	200	45.0	9,000	200	45.0	9,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	3,000	200	60.0	12,000	900	50.0	45,000	1,100	52.0	57,000
Boulder	3,000	200	95.0	19,000	300	46.5	14,000	500	66.0	33,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	2,000	200	95.0	19,000	...	...	...	200	95.0	19,000
Logan	2,500	300	96.5	29,000	600	50.0	30,000	900	65.5	59,000
Morgan	4,500	200	120.0	24,000	400	37.5	15,000	600	65.0	39,000
Sedgwick . . .	2,500	300	90.0	27,000	...	...	...	300	90.0	27,000
Weld	10,500	400	125.0	50,000	600	35.0	21,000	1,000	71.0	71,000
Northeast	25,000	1,600	105.0	168,000	1,900	42.0	80,000	3,500	71.0	248,000

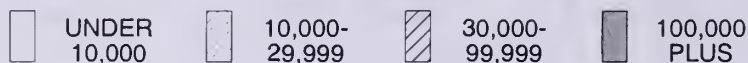
Oats: Acreage and production by county and district, Colorado, 1998, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	400	...	...	...	300	25.0	7,500	300	25.0	7,500
Arapahoe . . .	600	...	...	...	200	30.0	6,000	200	30.0	6,000
Cheyenne . . .	600	...	...	...	200	25.0	5,000	200	25.0	5,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	800	...	...	...	300	36.5	11,000	300	36.5	11,000
Elbert	1,600	...	...	...	400	37.5	15,000	400	37.5	15,000
El Paso	800	...	...	...	200	25.0	5,000	200	25.0	5,000
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson . .	2,600	200	60.0	12,000	300	30.0	9,000	500	42.0	21,000
Lincoln . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	1,000	...	...	...	...	...	...	...	...	...
Washington . .	10,800	900	60.0	54,000	900	40.0	36,000	1,800	50.0	90,000
Yuma	3,300	200	60.0	12,000	200	37.5	7,500	400	49.0	19,500
East Central	22,500	1,300	60.0	78,000	3,000	34.0	102,000	4,300	42.0	180,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	1,500	700	95.5	67,000	...	...	...	700	95.5	67,000
Dolores	800	...	...	...	500	20.0	10,000	500	20.0	10,000
Garfield	2,000	800	97.5	78,000	...	...	...	800	97.5	78,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	6,400	1,500	82.0	123,000	1,700	23.0	39,500	3,200	51.0	162,500
Mesa	1,500	300	90.0	27,000	200	15.0	3,000	500	60.0	30,000
Montezuma . .	3,500	1,500	110.0	165,000	300	15.0	4,500	1,800	94.0	169,500
Montrose . . .	3,200	800	95.0	76,000	...	...	...	800	95.0	76,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	2,600	500	100.0	50,000	500	20.0	10,000	1,000	60.0	60,000
Southwest	21,500	6,100	96.0	586,000	3,200	21.0	67,000	9,300	70.0	653,000
Alamosa	2,500	1,000	115.0	115,000	...	...	...	1,000	115.0	115,000
Conejos	7,500	3,500	92.5	324,000	...	...	...	3,500	92.5	324,000
Costilla	1,000	300	80.0	24,000	...	...	...	300	80.0	24,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	2,000	400	95.0	38,000	...	...	...	400	95.0	38,000
Saguache . . .	2,000	500	90.0	45,000	...	...	...	500	90.0	45,000
San Luis Valley	15,000	5,700	96.0	546,000	...	...	...	5,700	96.0	546,000
Baca	500	...	...	...	...	...	...	...	...	...
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley	200	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	300	...	...	...	...	...	...	...	...	...
Otero	1,300	900	60.0	54,000	...	...	...	900	60.0	54,000
Prowers	500	200	60.0	12,000	...	...	...	200	60.0	12,000
Pueblo	200	...	...	...	...	...	...	...	...	...
Southeast	3,000	1,100	60.0	66,000	...	...	...	1,100	60.0	66,000
State Total	90,000	16,000	91.0	1,456,000	9,000	32.5	294,000	25,000	70.0	1,750,000

Oats: Production by County, Colorado, 1999 with Ranking of First Five Counties



BUSHEL



Oats: Acreage and production by county and district, Colorado, 1999

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	1,000	...	...	...	500	40.0	20,000	500	40.0	20,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	700	400	55.0	22,000	200	40.0	8,000	600	50.0	30,000
Routt	300	...	...	...	300	40.0	12,000	300	40.0	12,000
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	2,000	400	55.0	22,000	1,000	40.0	40,000	1,400	44.5	62,000
Boulder	800	200	55.0	11,000	...	...	...	200	55.0	11,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	1,000	300	56.5	17,000	...	...	...	300	56.5	17,000
Logan	1,500	200	85.0	17,000	300	30.0	9,000	500	52.0	26,000
Morgan	1,400	400	77.5	31,000	...	...	...	400	77.5	31,000
Sedgwick . . .	600	200	90.0	18,000	...	...	...	200	90.0	18,000
Weld	2,200	200	55.0	11,000	200	35.0	7,000	400	45.0	18,000
Northeast	7,500	1,500	70.0	105,000	500	32.0	16,000	2,000	60.5	121,000

Oats: Acreage and production by county and district, Colorado, 1999, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams . . .	200	...	...	...	200	35.0	7,000	200	35.0	7,000
Arapahoe . . .	200	...	...	...	200	40.0	8,000	200	40.0	8,000
Cheyenne . . .	300	...	...	...	300	36.5	11,000	300	36.5	11,000
Denver . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	200	...	...	...	200	45.0	9,000	200	45.0	9,000
Elbert	1,000	...	...	...	800	47.5	38,000	800	47.5	38,000
El Paso	300	...	...	...	...	...	...	...	...	...
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson . .	2,200	300	70.0	21,000	...	...	...	300	70.0	21,000
Lincoln . . . .	...	...	...	...	...	...	...	...	...	...
Phillips . . . .	...	...	...	...	...	...	...	...	...	...
Washington . .	2,900	300	80.0	24,000	300	43.5	13,000	600	61.5	37,000
Yuma	200	...	...	...	200	40.0	8,000	200	40.0	8,000
East Central	7,500	600	75.0	45,000	2,200	42.5	94,000	2,800	49.5	139,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	1,800	700	91.5	64,000	...	...	...	700	91.5	64,000
Dolores	1,400	...	...	...	800	35.0	28,000	800	35.0	28,000
Garfield	600	500	88.0	44,000	...	...	...	500	88.0	44,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	3,900	800	87.5	70,000	2,500	44.0	110,000	3,300	54.5	180,000
Mesa	400	300	86.5	26,000	...	...	...	300	86.5	26,000
Montezuma . .	3,100	1,300	117.5	153,000	500	20.0	10,000	1,800	90.5	163,000
Montrose . . .	1,300	500	76.0	38,000	...	...	...	500	76.0	38,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	500	...	...	...	500	24.0	12,000	500	24.0	12,000
Southwest	13,000	4,100	96.5	395,000	4,300	37.0	160,000	8,400	66.0	555,000
Alamosa	1,800	800	105.0	84,000	...	...	...	800	105.0	84,000
Conejos	8,500	3,100	74.0	230,000	...	...	...	3,100	74.0	230,000
Costilla	3,000	300	66.5	20,000	...	...	...	300	66.5	20,000
Mineral . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	1,200	300	80.0	24,000	...	...	...	300	80.0	24,000
Saguache . . .	2,500	400	80.0	32,000	...	...	...	400	80.0	32,000
San Luis Valley	17,000	4,900	79.5	390,000	...	...	...	4,900	79.5	390,000
Baca	200	...	...	...	...	...	...	...	...	...
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	500	...	...	...	...	...	...	...	...	...
Otero	2,000	500	66.0	33,000	...	...	...	500	66.0	33,000
Prowers	300	...	...	...	...	...	...	...	...	...
Pueblo . . . . .	...	...	...	...	...	...	...	...	...	...
Southeast	3,000	500	66.0	33,000	...	...	...	500	66.0	33,000
State Total	50,000	12,000	82.5	990,000	8,000	39.0	310,000	20,000	65.0	1,300,000

Sorghum: Planted For All Purposes, Colorado, 1983-99 (000 Acres)



Sorghum for Grain: Acreage and production by county and district, Colorado, 1994

County and District	Acreage planted <u>1/</u>	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat . . . . .	...	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	...	...	...	...	...	...	...	...	...	...
Routt . . . . .	...	...	...	...	...	...	...	...	...	...
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder . . . .	...	...	...	...	...	...	...	...	...	...
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer . . . .	...	...	...	...	...	...	...	...	...	...
Logan	800	...	...	...	...	...	...	...	...	...
Morgan	1,100	100	80.0	8,000	400	30.0	12,000	500	40.0	20,000
Sedgwick . . .	400	...	...	...	...	...	...	...	...	...
Weld	2,700	500	56.0	28,000	1,000	20.0	20,000	1,500	32.0	48,000
Northeast	5,000	600	60.0	36,000	1,400	23.0	32,000	2,000	34.0	68,000

1/ Planted for all purposes.

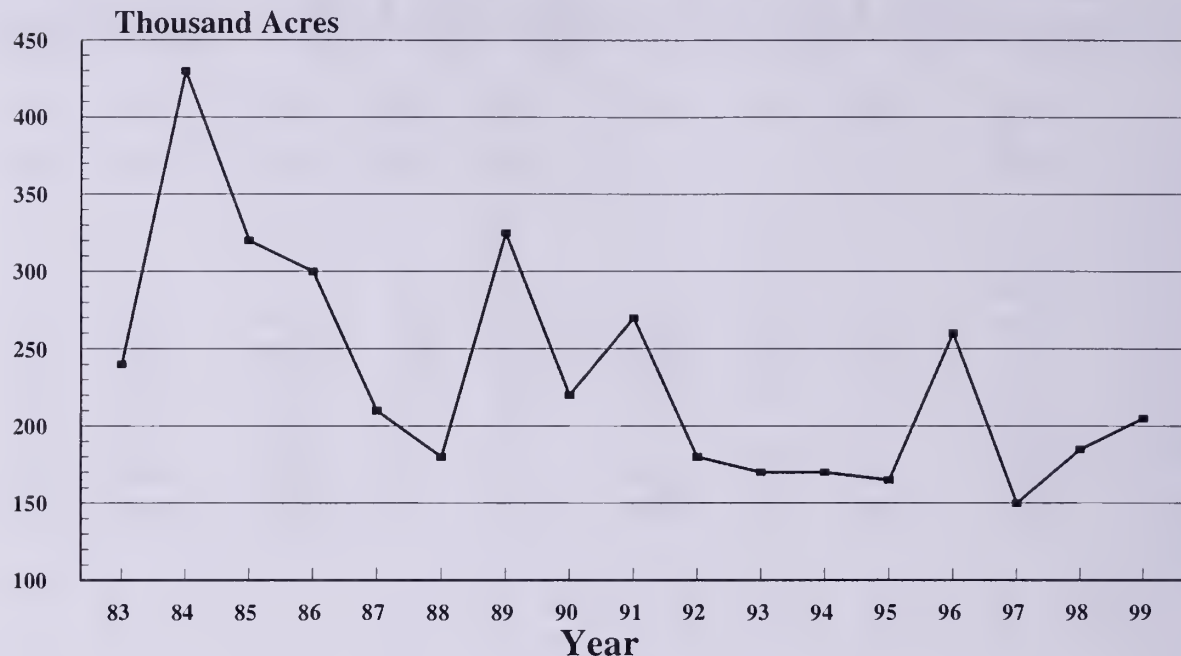
Sorghum for Grain: Acreage and production by county and district, Colorado, 1994, continued

County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	1,500	800	40.0	32,000	500	20.0	10,000	1,300	32.5	42,000
Arapahoe . . .	300	...	...	...	...	...	...	...	...	...
Cheyenne . . .	12,000	...	...	...	9,000	45.0	405,000	9,000	45.0	405,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	900	...	...	...	...	...	...	...	...	...
El Paso	2,100	...	...	...	...	...	...	...	...	...
Kiowa	30,000	1,000	57.0	57,000	26,000	43.0	1,118,000	27,000	43.5	1,175,000
Kit Carson . .	3,900	800	85.0	68,000	1,700	35.5	60,000	2,500	51.0	128,000
Lincoln	9,000	800	60.0	48,000	5,700	26.0	147,000	6,500	30.0	195,000
Phillips	1,000	...	...	...	600	25.0	15,000	600	25.0	15,000
Washington . .	2,400	...	...	...	900	40.0	36,000	900	40.0	36,000
Yuma	2,400	500	68.0	34,000	700	25.5	18,000	1,200	43.5	52,000
East Central	65,500	3,900	61.5	239,000	45,100	40.0	1,809,000	49,000	42.0	2,048,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...	...	...
Mesa . . . . .	...	...	...	...	...	...	...	...	...	...
Montezuma . .	...	...	...	...	...	...	...	...	...	...
Montrose . . .	...	...	...	...	...	...	...	...	...	...
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	...	...	...	...	...	...	...	...	...	...
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	...	...	...	...	...	...	...	...	...	...
Saguache . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca	99,000	15,000	69.5	1,040,000	79,500	31.0	2,465,000	94,500	37.0	3,505,000
Bent	6,300	4,200	80.5	339,000	300	16.5	5,000	4,500	76.5	344,000
Crowley	2,600	200	75.0	15,000	1,300	30.0	39,000	1,500	36.0	54,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	900	200	65.0	13,000	500	20.0	10,000	700	33.0	23,000
Otero	1,400	800	81.5	65,000	...	...	...	800	81.5	65,000
Prowers	18,100	10,100	82.5	835,000	5,900	28.0	165,000	16,000	62.5	1,000,000
Pueblo	1,200	...	...	...	1,000	33.0	33,000	1,000	33.0	33,000
Southeast	129,500	30,500	75.5	2,307,000	88,500	30.5	2,717,000	119,000	42.0	5,024,000
State Total	200,000	35,000	74.0	2,582,000	135,000	34.0	4,558,000	170,000	42.0	7,140,000

1/ Planted for all purposes.

Sorghum: Harvested For Grain, Colorado, 1983-1999

(000 Acres)



Sorghum for Grain: Acreage and production by county and district, Colorado, 1995

County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee
Clear Creek
Eagle
Gilpin
Grand
Gunnison
Jackson
Lake
Moffat
Park
Pitkin
Rio Blanco
Routt
Summit
Teller
NW & Mountain
Boulder
Jefferson
Larimer
Logan	1,200	...	...	...	600	20.0	12,000	600	20.0	12,000
Morgan	1,800	100	40.0	4,000	200	25.0	5,000	300	30.0	9,000
Sedgwick
Weld	4,500	600	63.5	38,000	1,000	23.0	23,000	1,600	38.0	61,000
Northeast	7,500	700	60.0	42,000	1,800	22.0	40,000	2,500	33.0	82,000

1/ Planted for all purposes.

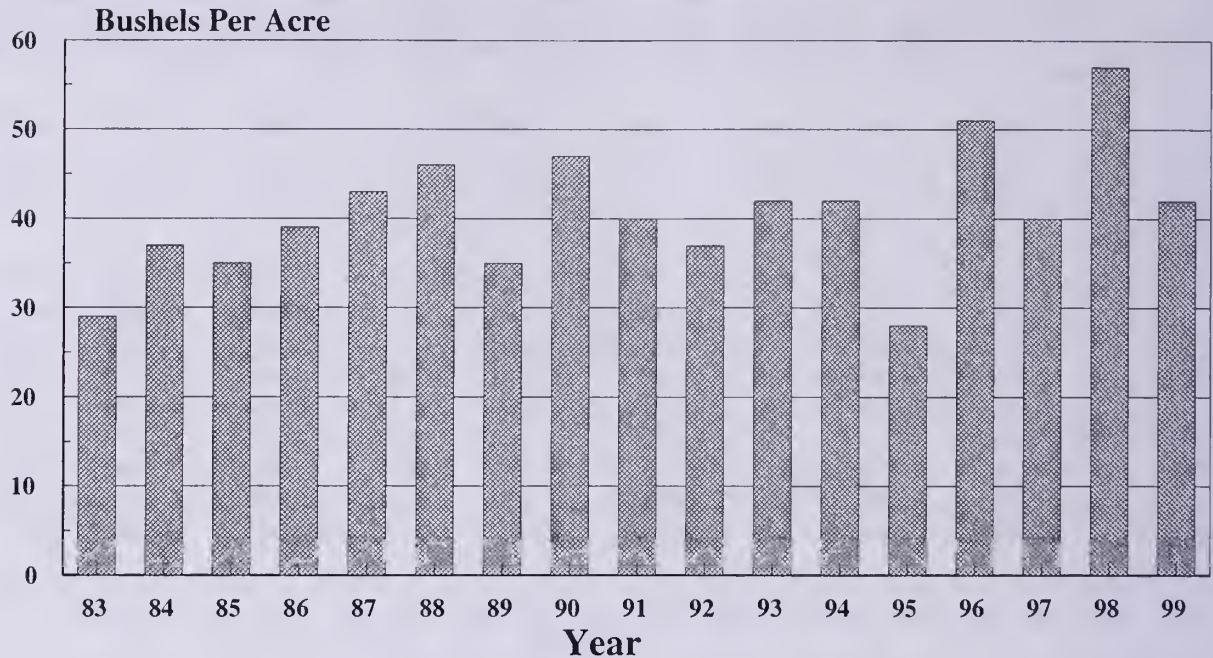
Sorghum for Grain: Acreage and production by county and district, Colorado, 1995, continued

County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	500	200	35.0	7,000	300	10.0	3,000	500	20.0	10,000
Arapahoe . . .	400	...	...	...	...	...	...	...	...	...
Cheyenne . . .	7,300	...	...	...	5,300	24.5	130,000	5,300	24.5	130,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	900	...	...	...	600	25.0	15,000	600	25.0	15,000
El Paso	2,200	200	55.0	11,000	600	26.5	16,000	800	34.0	27,000
Kiowa	27,400	400	57.5	23,000	25,100	29.5	742,000	25,500	30.0	765,000
Kit Carson . .	1,600	500	44.0	22,000	700	20.0	14,000	1,200	30.0	36,000
Lincoln	8,500	1,300	53.0	69,000	4,000	15.0	60,000	5,300	24.5	129,000
Phillips	300	...	...	...	300	16.5	5,000	300	16.5	5,000
Washington . .	1,000	...	...	...	400	35.0	14,000	400	35.0	14,000
Yuma	1,400	400	75.0	30,000	200	15.0	3,000	600	55.0	33,000
East Central	51,500	3,000	54.0	162,000	37,500	26.5	1,002,000	40,500	28.5	1,164,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . .	...	...	...	...	...	...	...	...	...	...
Mesa . . . . .	...	...	...	...	...	...	...	...	...	...
Montezuma . . .	...	...	...	...	...	...	...	...	...	...
Montrose . . . .	...	...	...	...	...	...	...	...	...	...
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . .	...	...	...	...	...	...	...	...	...	...
Southwest	...	...	...	...	...	...	...	...	...	...
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . . .	...	...	...	...	...	...	...	...	...	...
Saguache . . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca	107,000	13,400	44.5	593,000	82,100	19.0	1,557,000	95,500	22.5	2,150,000
Bent	5,400	3,800	58.0	221,000	200	20.0	4,000	4,000	56.5	225,000
Crowley	3,800	...	...	...	2,200	24.0	53,000	2,200	24.0	53,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . . .	700	200	40.0	8,000	400	17.5	7,000	600	25.0	15,000
Otero	1,400	700	48.5	34,000	...	...	...	700	48.5	34,000
Prowers	21,600	10,000	63.5	633,000	8,000	29.0	232,000	18,000	48.0	865,000
Pueblo	1,100	200	55.0	11,000	800	26.5	21,000	1,000	32.0	32,000
Southeast	141,000	28,300	53.0	1,500,000	93,700	20.0	1,874,000	122,000	27.5	3,374,000
State Total	200,000	32,000	53.5	1,704,000	133,000	22.0	2,916,000	165,000	28.0	4,620,000

1/ Planted for all purposes.

Sorghum: Yield Per Acre, Colorado, 1983-1999

(Bushels Per Acre)



Sorghum for Grain: Acreage and production by county and district, Colorado, 1996

County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee
Clear Creek
Eagle
Gilpin
Grand
Gunnison
Jackson
Lake
Moffat
Park
Pitkin
Rio Blanco
Routt
Summit
Teller
NW & Mountain
Boulder
Jefferson
Larimer
Logan	900	...	...	...	300	30.0	9,000	300	30.0	9,000
Morgan	1,700	200	62.5	12,500	700	40.0	28,000	900	45.0	40,500
Sedgwick
Weld	1,400	200	67.5	13,500	600	25.0	15,000	800	35.5	28,500
Northeast	4,000	400	65.0	26,000	1,600	32.5	52,000	2,000	39.0	78,000

1/ Planted for all purposes.

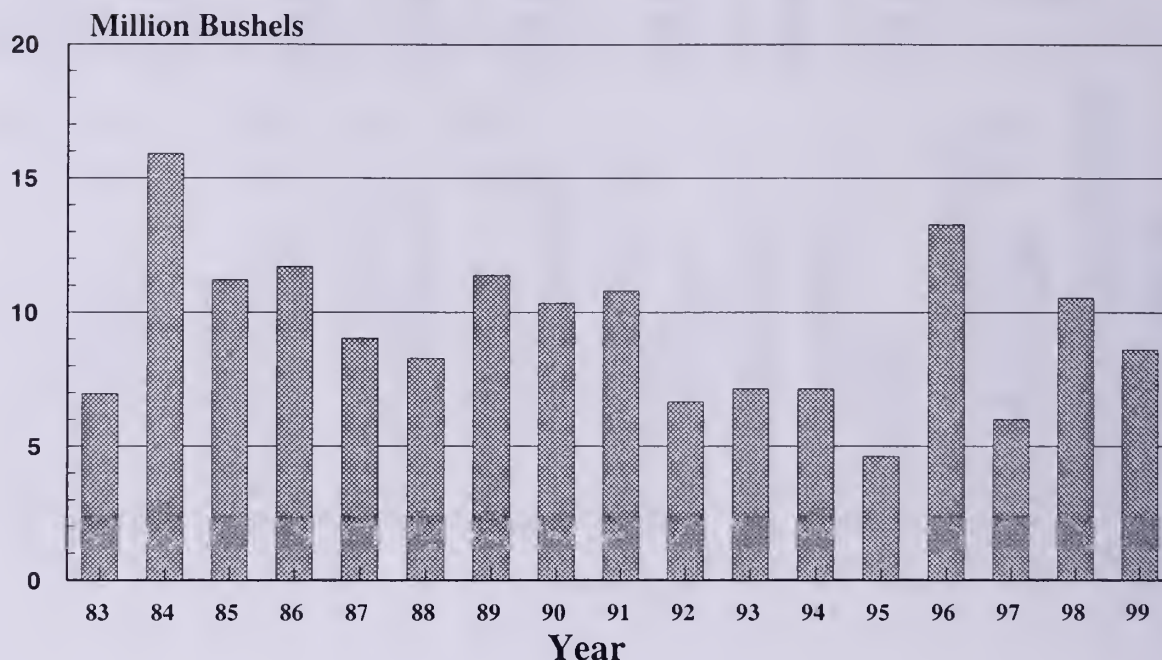
Sorghum for Grain: Acreage and production by county and district, Colorado, 1996, continued

County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	1,600	...	...	...	1,300	60.0	78,000	1,300	60.0	78,000
Arapahoe . . .	300	...	...	...	...	...	...	...	...	...
Cheyenne . . .	18,000	500	64.0	32,000	15,500	51.0	790,000	16,000	51.5	822,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	500	...	...	...	400	42.5	17,000	400	42.5	17,000
El Paso	2,000	...	...	...	500	44.0	22,000	500	44.0	22,000
Kiowa	40,000	1,200	62.5	75,000	36,800	56.0	2,061,000	38,000	56.0	2,136,000
Kit Carson . .	8,600	500	90.0	45,000	5,000	35.0	175,000	5,500	40.0	220,000
Lincoln	16,000	800	87.5	70,000	14,200	40.0	568,000	15,000	42.5	638,000
Phillips	200	...	...	...	200	25.0	5,000	200	25.0	5,000
Washington . .	700	...	...	...	400	50.0	20,000	400	50.0	20,000
Yuma	1,100	...	...	...	700	40.0	28,000	700	40.0	28,000
East Central	89,000	3,000	74.0	222,000	75,000	50.0	3,764,000	78,000	51.0	3,986,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...	...	...
Mesa . . . . .	...	...	...	...	...	...	...	...	...	...
Montezuma . . .	...	...	...	...	...	...	...	...	...	...
Montrose . . . .	...	...	...	...	...	...	...	...	...	...
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . .	...	...	...	...	...	...	...	...	...	...
Southwest	...	...	...	...	...	...	...	...	...	...
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . . .	...	...	...	...	...	...	...	...	...	...
Saguache . . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca	129,000	11,000	70.0	770,000	109,000	41.5	4,524,000	120,000	44.0	5,294,000
Bent	5,800	5,000	87.0	435,000	...	...	...	5,000	87.0	435,000
Crowley	4,000	...	...	...	2,500	61.0	153,000	2,500	61.0	153,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . . .	1,700	...	...	...	1,500	40.0	60,000	1,500	40.0	60,000
Otero	1,400	1,000	79.0	79,000	...	...	...	1,000	79.0	79,000
Prowers	53,000	9,000	92.0	828,000	39,000	58.0	2,257,000	48,000	64.5	3,085,000
Pueblo	2,100	600	45.0	27,000	1,400	45.0	63,000	2,000	45.0	90,000
Southeast	197,000	26,600	80.5	2,139,000	153,400	46.0	7,057,000	180,000	51.0	9,196,000
State Total	290,000	30,000	79.5	2,387,000	230,000	47.5	10,873,000	260,000	51.0	13,260,000

1/ Planted for all purposes.

Sorghum: Production, Colorado, 1983-1999

(Million Bushels)



Sorghum for Grain: Acreage and production by county and district, Colorado, 1997

County and District	Acreage planted <u>1/</u>	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat . . . . .	...	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	...	...	...	...	...	...	...	...	...	...
Routt . . . . .	...	...	...	...	...	...	...	...	...	...
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder . . . .	...	...	...	...	...	...	...	...	...	...
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer . . . .	...	...	...	...	...	...	...	...	...	...
Logan	1,100	100	40.0	4,000	800	25.0	20,000	900	26.5	24,000
Morgan	4,300	400	47.5	19,000	2,000	35.0	70,000	2,400	37.0	89,000
Sedgwick . . .	400	...	...	...	...	...	...	...	...	...
Weld	4,700	600	45.0	27,000	1,100	27.5	30,000	1,700	33.5	57,000
Northeast	10,500	1,100	45.5	50,000	3,900	31.0	120,000	5,000	34.0	170,000

1/ Planted for all purposes.

Sorghum for Grain: Acreage and production by county and district, Colorado, 1997, continued

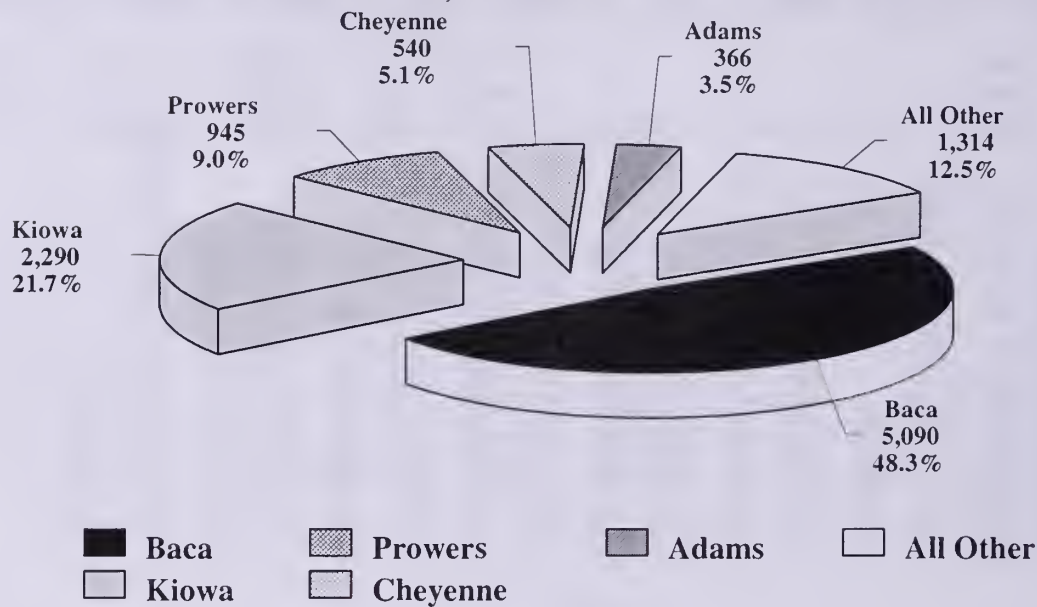
County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	2,600	...	...	...	2,000	40.0	80,000	2,000	40.0	80,000
Arapahoe . . .	2,500	...	...	...	2,000	35.0	70,000	2,000	35.0	70,000
Cheyenne . . .	6,700	200	60.0	12,000	3,800	44.5	170,000	4,000	45.5	182,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	400	...	...	...	400	37.5	15,000	400	37.5	15,000
El Paso	700	200	47.5	9,500	200	37.5	7,500	400	42.5	17,000
Kiowa	32,900	900	50.0	45,000	23,700	46.5	1,105,000	24,600	46.5	1,150,000
Kit Carson . .	800	400	64.0	25,500	...	...	...	400	64.0	25,500
Lincoln	10,600	1,000	45.5	45,500	8,000	30.0	240,000	9,000	31.5	285,500
Phillips	100	...	...	...	100	30.0	3,000	100	30.0	3,000
Washington . .	4,200	200	57.5	11,500	2,300	30.0	69,000	2,500	32.0	80,500
Yuma	2,000	300	53.5	16,000	1,300	31.0	40,500	1,600	35.5	56,500
East Central	63,500	3,200	51.5	165,000	43,800	41.0	1,800,000	47,000	42.0	1,965,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...	...	...
Mesa . . . . .	...	...	...	...	...	...	...	...	...	...
Montezuma . . .	...	...	...	...	...	...	...	...	...	...
Montrose . . . .	...	...	...	...	...	...	...	...	...	...
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . .	...	...	...	...	...	...	...	...	...	...
Southwest	...	...	...	...	...	...	...	...	...	...
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . . .	...	...	...	...	...	...	...	...	...	...
Saguache . . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca	84,500	16,200	62.0	1,005,000	61,000	29.0	1,770,000	77,200	36.0	2,775,000
Bent	3,000	1,800	58.5	105,000	...	...	...	1,800	58.5	105,000
Crowley	2,400	...	...	...	1,200	36.0	43,000	1,200	36.0	43,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano	200	...	...	...	100	30.0	3,000	100	30.0	3,000
Las Animas . . .	...	...	...	...	...	...	...	...	...	...
Otero	1,500	400	75.0	30,000	...	...	...	400	75.0	30,000
Prowers	22,600	6,600	65.0	430,000	9,400	44.5	420,000	16,000	53.0	850,000
Pueblo	1,800	700	50.0	35,000	600	40.0	24,000	1,300	45.5	59,000
Southeast	116,000	25,700	62.5	1,605,000	72,300	31.5	2,260,000	98,000	39.5	3,865,000
State Total	190,000	30,000	60.5	1,820,000	120,000	35.0	4,180,000	150,000	40.0	6,000,000

1/ Planted for all purposes.

Sorghum for Grain Production - 1998 Crop

Top Five Counties, Colorado

Production in 1,000 Bushels and Percent of Total



Sorghum for Grain: Acreage and production by county and district, Colorado, 1998

County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat . . . . .	...	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	...	...	...	...	...	...	...	...	...	...
Routt . . . . .	...	...	...	...	...	...	...	...	...	...
Summit . . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder . . . .	...	...	...	...	...	...	...	...	...	...
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer . . . .	...	...	...	...	...	...	...	...	...	...
Logan	1,400	100	55.0	5,500	1,100	27.5	30,000	1,200	29.5	35,500
Morgan	5,700	500	62.0	31,000	3,900	42.0	163,000	4,400	44.0	194,000
Sedgwick . . .	600	100	55.0	5,500	500	40.0	20,000	600	42.5	25,500
Weld	6,100	300	60.0	18,000	2,500	25.0	62,000	2,800	28.5	80,000
Northeast	13,800	1,000	60.0	60,000	8,000	34.5	275,000	9,000	37.0	335,000

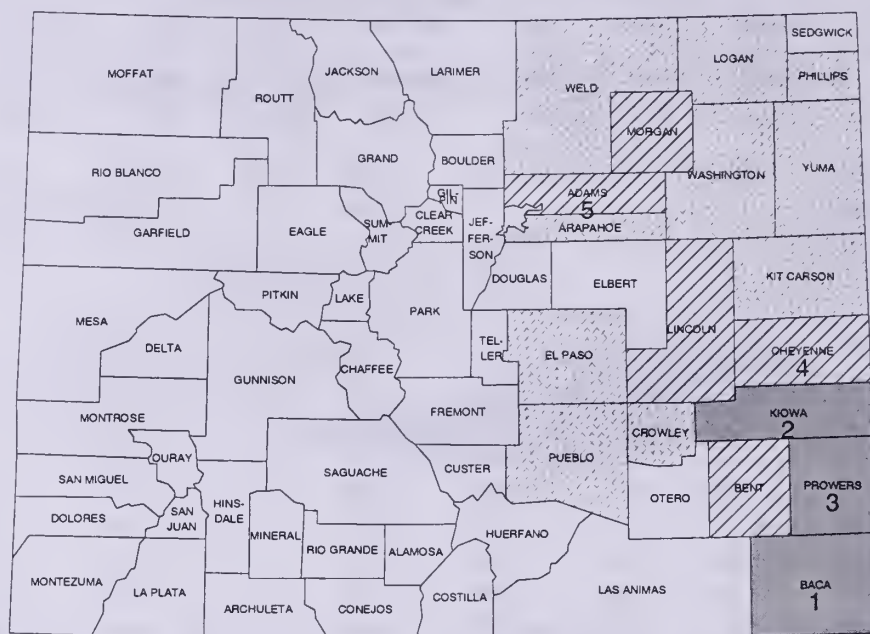
1/ Planted for all purposes.

Sorghum for Grain: Acreage and production by county and district, Colorado, 1998, continued

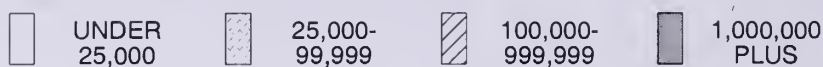
County and District	Acreage planted <u>1/</u>	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	9,500	2,000	58.0	116,000	7,000	35.5	250,000	9,000	40.5	366,000
Arapahoe . . .	1,300	...	...	...	1,000	30.0	30,000	1,000	30.0	30,000
Cheyenne . . .	10,500	...	...	...	10,000	54.0	540,000	10,000	54.0	540,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	300	...	...	...	200	45.0	9,000	200	45.0	9,000
El Paso	1,900	300	63.5	19,000	1,400	45.5	64,000	1,700	49.0	83,000
Kiowa	37,400	2,500	76.0	190,000	34,000	62.0	2,100,000	36,500	62.5	2,290,000
Kit Carson . .	2,600	400	80.0	32,000	1,000	50.0	50,000	1,400	58.5	82,000
Lincoln	6,500	600	65.0	39,000	4,400	50.0	220,000	5,000	52.0	259,000
Phillips	2,500	...	...	...	2,500	50.0	125,000	2,500	50.0	125,000
Washington . .	2,400	100	70.0	7,000	1,400	50.0	70,000	1,500	51.5	77,000
Yuma	1,600	100	70.0	7,000	1,100	47.5	52,000	1,200	49.0	59,000
East Central	76,500	6,000	68.5	410,000	64,000	55.0	3,510,000	70,000	56.0	3,920,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...	...	...
Mesa . . . . .	...	...	...	...	...	...	...	...	...	...
Montezuma . .	...	...	...	...	...	...	...	...	...	...
Montrose . . .	...	...	...	...	...	...	...	...	...	...
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	...	...	...	...	...	...	...	...	...	...
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	...	...	...	...	...	...	...	...	...	...
Saguache . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca	90,800	14,300	71.5	1,020,000	75,200	54.0	4,070,000	89,500	57.0	5,090,000
Bent	1,500	1,000	110.0	110,000	...	...	...	1,000	110.0	110,000
Crowley	1,500	...	...	...	1,000	53.0	53,000	1,000	53.0	53,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano	100	...	...	...	...	...	...	...	...	...
Las Animas . .	300	300	70.0	21,000	...	...	...	300	70.0	21,000
Otero	500	300	70.0	21,000	...	...	...	300	70.0	21,000
Prowers	13,800	3,500	100.0	350,000	9,500	62.5	595,000	13,000	72.5	945,000
Pueblo	1,200	100	80.0	8,000	800	52.5	42,000	900	55.5	50,000
Southeast	109,700	19,500	78.5	1,530,000	86,500	55.0	4,760,000	106,000	59.5	6,290,000
State Total	200,000	26,500	75.5	2,000,000	158,500	54.0	8,545,000	185,000	57.0	10,545,000

1/ Planted for all purposes.

Sorghum for Grain: Production by County, Colorado, 1999 with Ranking of First Five Counties



BUSHEL



Sorghum for Grain: Acreage and production by county and district, Colorado, 1999

County and District	Acreage planted <u>1/</u>	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat . . . . .	...	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	...	...	...	...	...	...	...	...	...	...
Routt . . . . .	...	...	...	...	...	...	...	...	...	...
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder . . . .	...	...	...	...	...	...	...	...	...	...
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	200	...	...	...	200	30.0	6,000	200	30.0	6,000
Logan	2,000	100	40.0	4,000	800	41.5	33,000	900	41.0	37,000
Morgan	5,400	200	40.0	8,000	3,200	32.0	102,000	3,400	32.5	110,000
Sedgwick . . .	500	100	40.0	4,000	200	30.0	6,000	300	33.5	10,000
Weld	4,900	400	42.5	17,000	1,800	41.5	75,000	2,200	42.0	92,000
Northeast	13,000	800	41.5	33,000	6,200	36.0	222,000	7,000	36.5	255,000

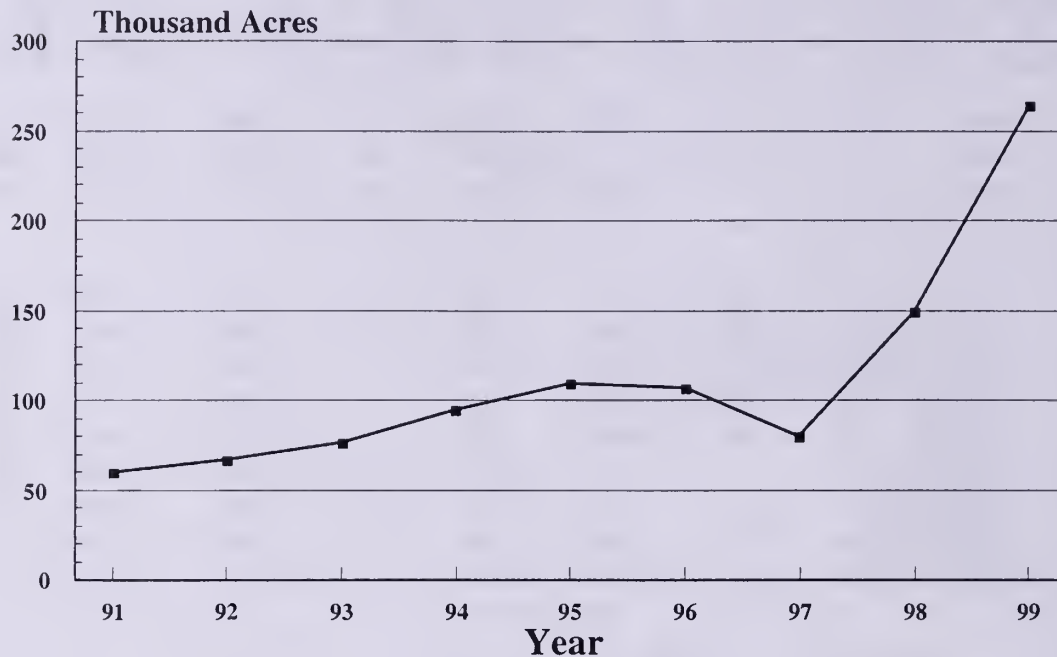
1/ Planted for all purposes.

Sorghum for Grain: Acreage and production by county and district, Colorado, 1999, continued

County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	10,000	1,000	54.0	54,000	8,800	30.0	265,000	9,800	32.5	319,000
Arapahoe ...	2,500	...	...	...	2,000	40.0	80,000	2,000	40.0	80,000
Cheyenne ...	16,200	1,500	54.0	81,000	10,500	38.0	400,000	12,000	40.0	481,000
Denver .....	...	...	...	...	...	...	...	...	...	...
Douglas ....	...	...	...	...	...	...	...	...	...	...
Elbert	300	...	...	...	200	30.0	6,000	200	30.0	6,000
El Paso	1,600	300	50.0	15,000	1,300	34.5	45,000	1,600	37.5	60,000
Kiowa	38,500	2,000	46.5	93,000	35,000	46.0	1,610,000	37,000	46.0	1,703,000
Kit Carson ..	2,100	100	60.0	6,000	500	38.0	19,000	600	41.5	25,000
Lincoln	9,200	200	50.0	10,000	6,600	32.0	210,000	6,800	32.5	220,000
Phillips	1,500	...	...	...	1,500	52.0	78,000	1,500	52.0	78,000
Washington ..	2,700	...	...	...	1,600	34.5	55,000	1,600	34.5	55,000
Yuma	1,400	100	60.0	6,000	800	40.0	32,000	900	42.0	38,000
East Central	86,000	5,200	51.0	265,000	68,800	40.5	2,800,000	74,000	41.5	3,065,000
Archuleta ...	...	...	...	...	...	...	...	...	...	...
Delta .....	...	...	...	...	...	...	...	...	...	...
Dolores .....	...	...	...	...	...	...	...	...	...	...
Garfield .....	...	...	...	...	...	...	...	...	...	...
Hinsdale ....	...	...	...	...	...	...	...	...	...	...
La Plata .....	...	...	...	...	...	...	...	...	...	...
Mesa .....	...	...	...	...	...	...	...	...	...	...
Montezuma ..	...	...	...	...	...	...	...	...	...	...
Montrose ...	...	...	...	...	...	...	...	...	...	...
Ouray .....	...	...	...	...	...	...	...	...	...	...
San Juan ....	...	...	...	...	...	...	...	...	...	...
San Miguel ..	...	...	...	...	...	...	...	...	...	...
Southwest	...	...	...	...	...	...	...	...	...	...
Alamosa ....	...	...	...	...	...	...	...	...	...	...
Conejos .....	...	...	...	...	...	...	...	...	...	...
Costilla .....	...	...	...	...	...	...	...	...	...	...
Mineral .....	...	...	...	...	...	...	...	...	...	...
Rio Grande ..	...	...	...	...	...	...	...	...	...	...
Saguache ...	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca	97,700	10,000	69.0	690,000	85,000	36.0	3,055,000	95,000	39.5	3,745,000
Bent	3,300	2,000	87.5	175,000	...	...	...	2,000	87.5	175,000
Crowley	2,800	...	...	...	2,500	30.0	75,000	2,500	30.0	75,000
Custer .....	...	...	...	...	...	...	...	...	...	...
Fremont ....	...	...	...	...	...	...	...	...	...	...
Huerfano	300	...	...	...	...	...	...	...	...	...
Las Animas ..	...	...	...	...	...	...	...	...	...	...
Otero	900	...	...	...	500	30.0	15,000	500	30.0	15,000
Prowers	24,800	2,800	89.5	250,000	20,200	49.0	990,000	23,000	54.0	1,240,000
Pueblo	1,200	200	75.0	15,000	800	31.5	25,000	1,000	40.0	40,000
Southeast	131,000	15,000	75.5	1,130,000	109,000	38.0	4,160,000	124,000	42.5	5,290,000
State Total	230,000	21,000	68.0	1,428,000	184,000	39.0	7,182,000	205,000	42.0	8,610,000

1/ Planted for all purposes.

Sunflowers, All: Harvested Acres, Colorado, 1991-99 (000 Acres)



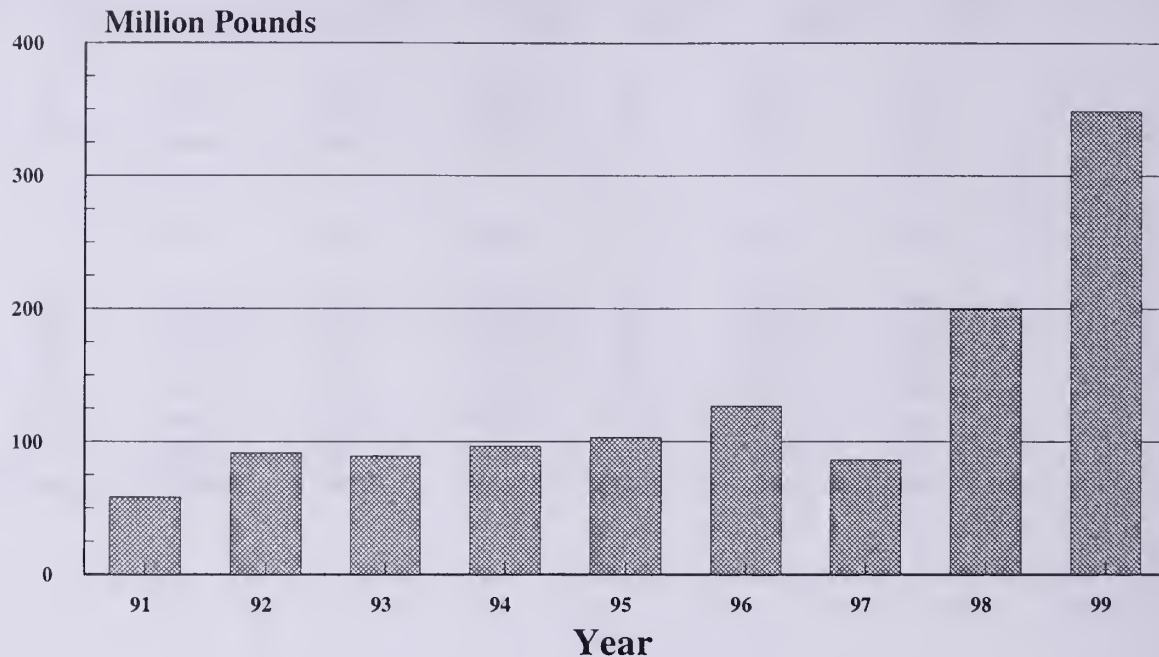
Sunflowers, All: Acreage and production by county and district, Colorado, 1994-1995

County and District	1994				1995			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Chaffee .....	...	...	...	...	...	...	...	...
Clear Creek .....	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...
Gunnison .....	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...
Rio Blanco .....	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...
Boulder .....	...	...	...	...	...	...	...	...
Jefferson .....	...	...	...	...	...	...	...	...
Larimer .....	...	...	...	...	...	...	...	...
Logan	8,800	8,000	605	4,830,000	5,500	5,500	915	5,020,000
Morgan	4,500	4,500	590	2,650,000	5,500	5,100	885	4,510,000
Sedgwick	4,100	4,000	945	3,780,000	4,700	4,500	825	3,720,000
Weid	6,600	6,500	705	4,590,000	7,300	5,900	995	5,860,000
Northeast	24,000	23,000	690	15,850,000	23,000	21,000	910	19,110,000

Sunflowers, All: Acreage and production by county and district, Colorado, 1994-1995, continued

County and District	1994				1995			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Adams	5,100	4,500	495	2,230,000	6,100	6,100	600	3,660,000
Arapahoe	4,200	4,000	635	2,530,000	2,500	2,500	660	1,650,000
Cheyenne	6,600	6,500	875	5,690,000	6,900	6,800	1,010	6,860,000
Denver . . . . .	...	...	...	...	...	...	...	...
Douglas . . . . .	...	...	...	...	...	...	...	...
Elbert	800	800	790	630,000	700	700	970	680,000
El Paso . . . . .	...	...	...	...	...	...	...	...
Kiowa	2,400	2,100	935	1,960,000	1,300	1,300	945	1,230,000
Kit Carson	20,000	19,500	1,405	27,410,000	35,700	34,900	1,225	42,820,000
Lincoln	1,600	1,600	905	1,450,000	1,300	1,300	400	520,000
Phillips	4,200	4,000	990	3,950,000	4,700	4,400	945	4,160,000
Washington	7,900	7,000	1,020	7,140,000	8,400	8,000	710	5,690,000
Yuma	23,200	22,000	1,250	27,460,000	24,400	23,000	730	16,780,000
East Central	76,000	72,000	1,115	80,450,000	92,000	89,000	945	84,050,000
Archuleta . . . . .	...	...	...	...	...	...	...	...
Delta . . . . .	...	...	...	...	...	...	...	...
Dolores . . . . .	...	...	...	...	...	...	...	...
Garfield . . . . .	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...
Mesa . . . . .	...	...	...	...	...	...	...	...
Montezuma . . . . .	...	...	...	...	...	...	...	...
Montrose . . . . .	...	...	...	...	...	...	...	...
Ouray . . . . .	...	...	...	...	...	...	...	...
San Juan . . . . .	...	...	...	...	...	...	...	...
San Miguel . . . . .	...	...	...	...	...	...	...	...
Southwest	...	...	...	...	...	...	...	...
Alamosa . . . . .	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...
Rio Grande . . . . .	...	...	...	...	...	...	...	...
Saguache . . . . .	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...
Baca . . . . .	...	...	...	...	...	...	...	...
Bent . . . . .	...	...	...	...	...	...	...	...
Crowley . . . . .	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...
Las Animas . . . . .	...	...	...	...	...	...	...	...
Otero . . . . .	...	...	...	...	...	...	...	...
Prowers . . . . .	...	...	...	...	...	...	...	...
Pueblo . . . . .	...	...	...	...	...	...	...	...
Southeast	...	...	...	...	...	...	...	...
State Total	100,000	95,000	1,015	96,300,000	115,000	110,000	938	103,160,000

Sunflowers, All: Production, Colorado, 1991-99 (Million Pounds)



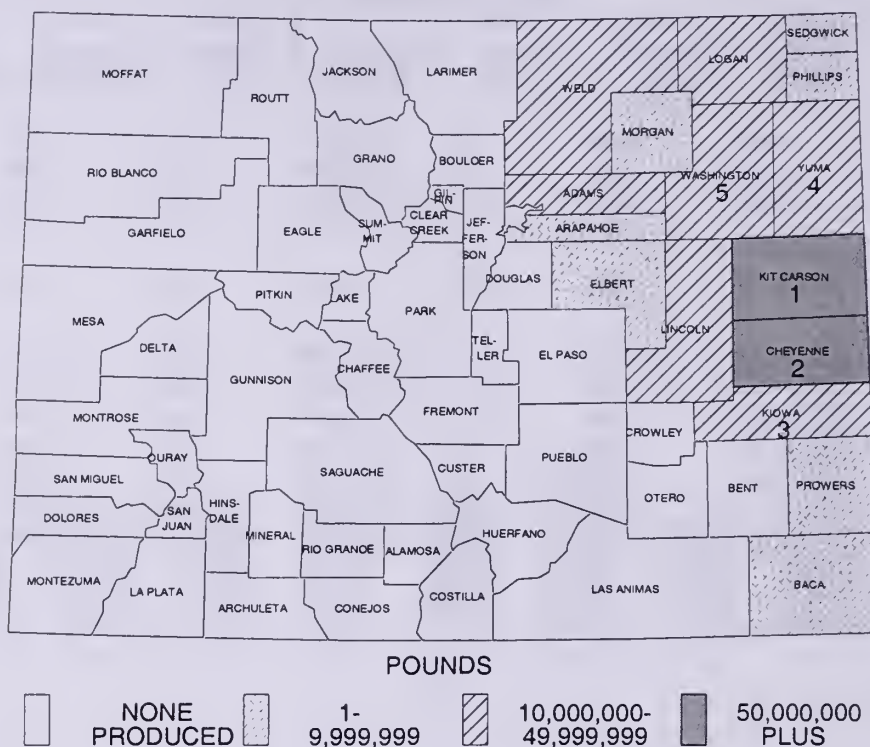
Sunflowers, All: Acreage and production by county and district, Colorado, 1996-1997

County and District	1996				1997			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Chaffee .....	...	...	...	...	...	...	...	...
Clear Creek .....	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...
Gunnison .....	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...
Rio Blanco .....	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...
Boulder .....	...	...	...	...	...	...	...	...
Jefferson .....	...	...	...	...	...	...	...	...
Larimer .....	...	...	...	...	...	...	...	...
Logan	5,500	4,800	1,030	4,940,000	4,600	4,500	935	4,200,000
Morgan	5,300	4,900	885	4,330,000	2,000	2,000	1,000	2,000,000
Sedgwick	1,300	1,300	1,140	1,480,000	3,600	3,500	1,055	3,700,000
Weld	5,900	5,500	930	5,110,000	6,300	6,000	915	5,500,000
Northeast	18,000	16,500	960	15,860,000	16,500	16,000	965	15,400,000

Sunflowers, All: Acreage and production by county and district, Colorado, 1996-1997, continued

County and District	1996				1997			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Adams	4,800	4,700	615	2,880,000	5,200	5,000	800	4,000,000
Arapahoe	1,500	1,500	765	1,150,000	500	500	600	300,000
Cheyenne	12,800	12,800	1,785	22,860,000	11,600	9,500	1,125	10,700,000
Denver .....	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...
Elbert	500	500	1,320	660,000	1,800	1,700	1,000	1,700,000
El Paso .....	...	...	...	...	...	...	...	...
Kiowa	3,500	3,500	1,955	6,840,000	3,600	3,500	1,200	4,200,000
Kit Carson	39,600	39,000	1,115	43,540,000	21,200	20,000	1,205	24,100,000
Lincoln	1,100	1,100	1,210	1,330,000	3,300	3,300	1,030	3,400,000
Phillips	4,600	4,400	885	3,890,000	2,600	2,500	1,120	2,800,000
Washington	7,400	7,300	1,135	8,270,000	7,100	7,000	1,070	7,500,000
Yuma	16,200	15,700	1,245	19,520,000	10,600	10,000	1,070	10,700,000
East Central	92,000	90,500	1,225	110,940,000	67,500	63,000	1,100	69,400,000
Archuleta .....	...	...	...	...	...	...	...	...
Delta .....	...	...	...	...	...	...	...	...
Dolores .....	...	...	...	...	...	...	...	...
Garfield .....	...	...	...	...	...	...	...	...
Hinsdale .....	...	...	...	...	...	...	...	...
La Plata .....	...	...	...	...	...	...	...	...
Mesa .....	...	...	...	...	...	...	...	...
Montezuma .....	...	...	...	...	...	...	...	...
Montrose .....	...	...	...	...	...	...	...	...
Ouray .....	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...
San Miguel .....	...	...	...	...	...	...	...	...
Southwest	...	...	...	...	...	...	...	...
Alamosa .....	...	...	...	...	...	...	...	...
Conejos .....	...	...	...	...	...	...	...	...
Costilla .....	...	...	...	...	...	...	...	...
Mineral .....	...	...	...	...	...	...	...	...
Rio Grande .....	...	...	...	...	...	...	...	...
Saguache .....	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...
Baca .....	...	...	...	...	400	400	900	360,000
Bent .....	...	...	...	...	...	...	...	...
Crowley .....	...	...	...	...	600	600	1,565	940,000
Custer .....	...	...	...	...	...	...	...	...
Fremont .....	...	...	...	...	...	...	...	...
Huerfano .....	...	...	...	...	...	...	...	...
Las Animas .....	...	...	...	...	...	...	...	...
Otero .....	...	...	...	...	...	...	...	...
Prowers .....	...	...	...	...	...	...	...	...
Pueblo .....	...	...	...	...	...	...	...	...
Southeast	...	...	...	...	1,000	1,000	1,300	1,300,000
State Total	110,000	107,000	1,185	126,800,000	85,000	80,000	1,075	86,100,000

Sunflowers, All: Production by County, Colorado, 1999 with Ranking of First Five Counties



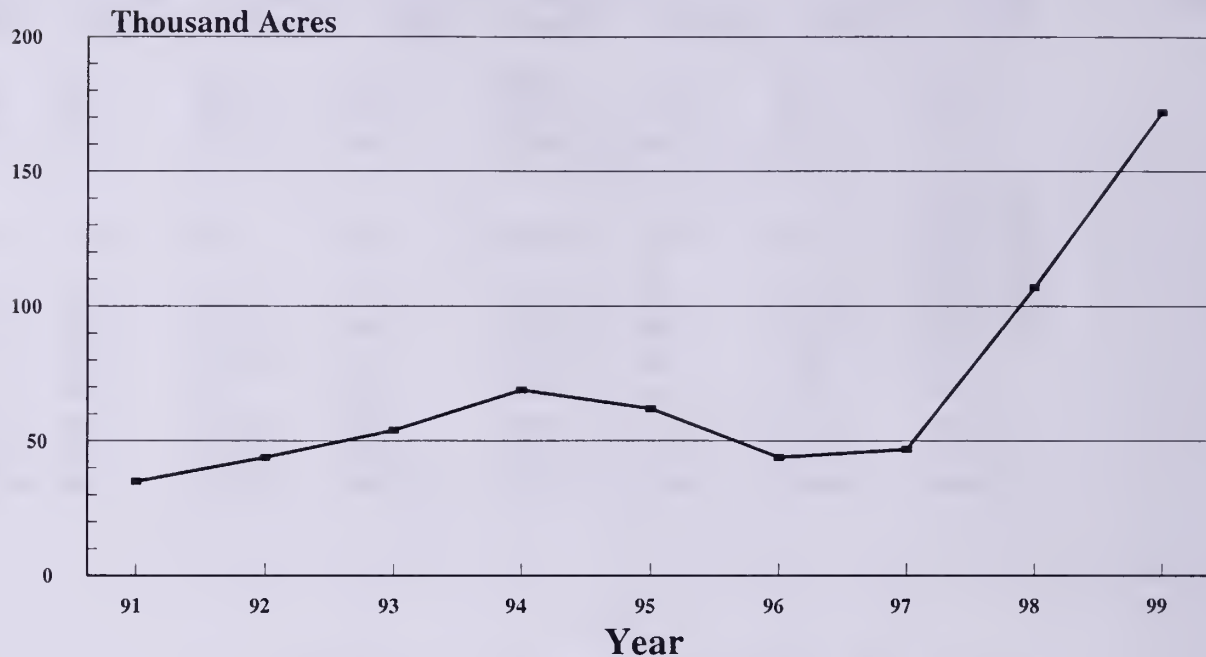
Sunflowers, All: Acreage and production by county and district, Colorado, 1998-1999

County and District	1998				1999			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Chaffee .....	...	...	...	...	...	...	...	...
Clear Creek .....	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...
Gunnison .....	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...
Rio Blanco .....	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...
NW & Mountain .....	...	...	...	...	...	...	...	...
Boulder .....	...	...	...	...	...	...	...	...
Jefferson .....	...	...	...	...	...	...	...	...
Larimer .....	...	...	...	...	...	...	...	...
Logan	9,100	9,000	955	8,600,000	14,100	14,000	1,085	15,200,000
Morgan	8,500	7,000	915	6,400,000	9,900	9,500	1,030	9,800,000
Sedgwick	6,100	6,000	1,335	8,000,000	6,500	6,500	1,490	9,700,000
Weld	11,800	11,000	1,090	12,000,000	15,000	15,000	1,335	20,000,000
Northeast	35,500	33,000	1,060	35,000,000	45,500	45,000	1,215	54,700,000

Sunflowers, All: Acreage and production by county and district, Colorado, 1998-1999, continued

County and District	1998				1999			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Adams	7,200	7,000	1,085	7,600,000	17,200	17,200	1,105	19,000,000
Arapahoe	2,600	2,500	1,080	2,700,000	4,800	4,600	1,175	5,400,000
Cheyenne	20,000	19,000	1,400	26,600,000	47,100	46,500	1,270	59,000,000
Denver . . . . .	...	...	...	...	...	...	...	...
Douglas . . . . .	...	...	...	...	...	...	...	...
Elbert	3,500	3,300	1,515	5,000,000	3,300	3,300	1,275	4,200,000
El Paso . . . . .	...	...	...	...	...	...	...	...
Kiowa	13,000	10,000	1,790	17,900,000	24,000	24,000	1,625	39,000,000
Kit Carson	39,400	38,000	1,585	60,200,000	65,500	63,000	1,395	88,000,000
Lincoln	6,200	6,000	1,165	7,000,000	8,700	8,500	1,410	12,000,000
Phillips	3,700	3,700	1,025	3,800,000	5,200	5,200	1,000	5,200,000
Washington	15,700	15,000	915	13,700,000	19,500	19,000	1,225	23,300,000
Yuma	10,500	10,000	1,580	15,800,000	19,200	18,700	1,350	25,200,000
East Central	121,800	114,500	1,400	160,300,000	214,500	210,000	1,335	280,300,000
Archuleta . . . . .	...	...	...	...	...	...	...	...
Delta . . . . .	...	...	...	...	...	...	...	...
Dolores . . . . .	...	...	...	...	...	...	...	...
Garfield . . . . .	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...
Mesa . . . . .	...	...	...	...	...	...	...	...
Montezuma . . . . .	...	...	...	...	...	...	...	...
Montrose . . . . .	...	...	...	...	...	...	...	...
Ouray . . . . .	...	...	...	...	...	...	...	...
San Juan . . . . .	...	...	...	...	...	...	...	...
San Miguel . . . . .	...	...	...	...	...	...	...	...
Southwest	...	...	...	...	...	...	...	...
Alamosa . . . . .	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...
Rio Grande . . . . .	...	...	...	...	...	...	...	...
Saguache . . . . .	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...
Baca	2,000	2,000	1,625	3,250,000	6,800	6,800	1,290	8,770,000
Bent . . . . .	...	...	...	...	...	...	...	...
Crowley . . . . .	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...
Las Animas . . . . .	...	...	...	...	...	...	...	...
Otero . . . . .	...	...	...	...	...	...	...	...
Prowers	700	500	1,400	700,000	3,200	3,200	1,465	4,680,000
Pueblo . . . . .	...	...	...	...	...	...	...	...
Southeast	2,700	2,500	1,580	3,950,000	10,000	10,000	1,345	13,450,000
State Total	160,000	150,000	1,330	199,250,000	270,000	265,000	1,315	348,450,000

Sunflowers, Oil: Harvested Acres, Colorado, 1991-99 (000 Acres)



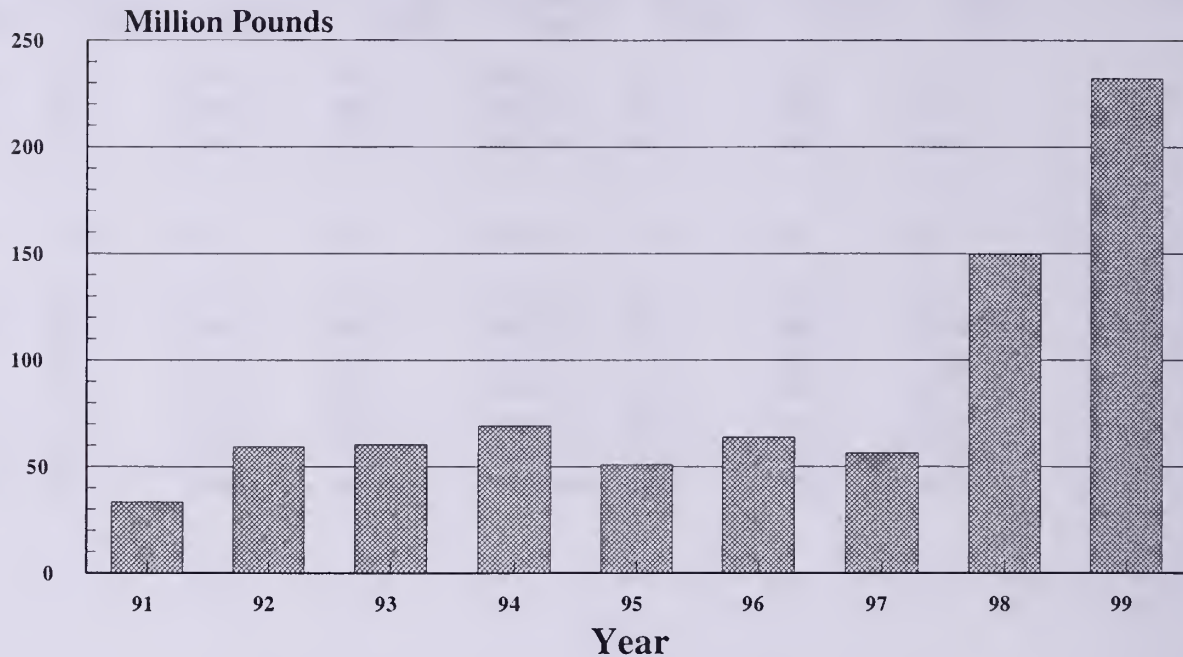
Sunflowers, Oil: Acreage and production by county and district, Colorado, 1994-1995

County and District	1994				1995			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Chaffee .....	...	...	...	...	...	...	...	...
Clear Creek .....	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...
Gunnison .....	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...
Rio Blanco .....	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...
Boulder .....	...	...	...	...	...	...	...	...
Jefferson .....	...	...	...	...	...	...	...	...
Larimer .....	...	...	...	...	...	...	...	...
Logan	7,300	7,000	635	4,450,000	3,500	3,500	870	3,040,000
Morgan	2,500	2,500	560	1,400,000	2,000	1,600	490	780,000
Sedgwick	3,100	3,000	1,035	3,100,000	2,500	2,500	680	1,700,000
Weld	4,600	4,500	690	3,100,000	3,500	2,400	700	1,680,000
Northeast	17,500	17,000	710	12,050,000	11,500	10,000	720	7,200,000

Sunflowers, Oil: Acreage and production by county and district, Colorado, 1994-1995, continued

County and District	1994				1995			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Adams	3,300	3,000	420	1,260,000	4,200	4,200	570	2,400,000
Arapahoe	3,800	3,600	625	2,250,000	2,500	2,500	660	1,650,000
Cheyenne	5,800	5,700	900	5,130,000	6,200	6,100	975	5,950,000
Denver . . . . .	...	...	...	...	...	...	...	...
Douglas . . . . .	...	...	...	...	...	...	...	...
Elbert	500	500	860	430,000	700	700	970	680,000
El Paso . . . . .	...	...	...	...	...	...	...	...
Kiowa	2,400	2,100	935	1,960,000	1,300	1,300	945	1,230,000
Kit Carson	12,800	12,600	1,310	16,500,000	14,000	13,700	1,170	16,030,000
Lincoln	1,600	1,600	905	1,450,000	1,300	1,300	400	520,000
Phillips	2,000	2,000	1,300	2,600,000	1,500	1,500	915	1,370,000
Washington	3,900	3,500	990	3,470,000	3,800	3,700	575	2,120,000
Yuma	18,400	17,400	1,260	21,900,000	18,000	17,000	690	11,690,000
East Central	54,500	52,000	1,095	56,950,000	53,500	52,000	840	43,640,000
Archuleta . . . . .	...	...	...	...	...	...	...	...
Delta . . . . .	...	...	...	...	...	...	...	...
Dolores . . . . .	...	...	...	...	...	...	...	...
Garfield . . . . .	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...
Mesa . . . . .	...	...	...	...	...	...	...	...
Montezuma . . . . .	...	...	...	...	...	...	...	...
Montrose . . . . .	...	...	...	...	...	...	...	...
Ouray . . . . .	...	...	...	...	...	...	...	...
San Juan . . . . .	...	...	...	...	...	...	...	...
San Miguel . . . . .	...	...	...	...	...	...	...	...
Southwest	...	...	...	...	...	...	...	...
Alamosa . . . . .	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...
Rio Grande . . . . .	...	...	...	...	...	...	...	...
Saguache . . . . .	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...
Baca . . . . .	...	...	...	...	...	...	...	...
Bent . . . . .	...	...	...	...	...	...	...	...
Crowley . . . . .	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...
Las Animas . . . . .	...	...	...	...	...	...	...	...
Otero . . . . .	...	...	...	...	...	...	...	...
Prowers . . . . .	...	...	...	...	...	...	...	...
Pueblo . . . . .	...	...	...	...	...	...	...	...
Southeast	...	...	...	...	...	...	...	...
State Total	72,000	69,000	1,000	69,000,000	65,000	62,000	820	50,840,000

Sunflowers, Oil: Production, Colorado, 1991-99 (Million Pounds)



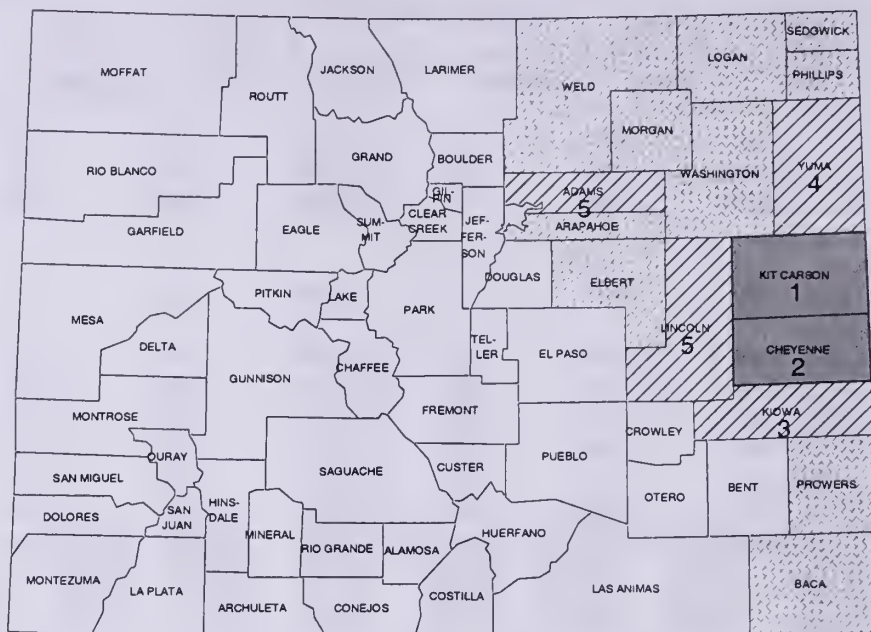
Sunflowers, Oil: Acreage and production by county and district, Colorado, 1996-1997

County and District	1996				1997			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Chaffee .....	...	...	...	...	...	...	...	...
Clear Creek .....	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...
Gunnison .....	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...
Rio Blanco .....	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...
Boulder .....	...	...	...	...	...	...	...	...
Jefferson .....	...	...	...	...	...	...	...	...
Larimer .....	...	...	...	...	...	...	...	...
Logan	1,800	1,800	830	1,490,000	2,000	2,000	1,000	2,000,000
Morgan	1,200	900	810	730,000	500	500	1,000	500,000
Sedgwick	800	800	1,225	980,000	1,000	1,000	1,100	1,100,000
Weld	3,200	3,000	985	2,960,000	2,200	2,000	800	1,600,000
Northeast	7,000	6,500	950	6,160,000	5,700	5,500	945	5,200,000

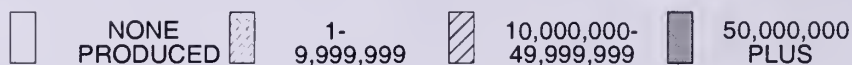
Sunflowers, Oil: Acreage and production by county and district, Colorado, 1996-1997, continued

County and District	1996				1997			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Adams	1,700	1,600	565	900,000	2,000	2,000	1,100	2,200,000
Arapahoe	1,500	1,500	765	1,150,000	500	500	600	300,000
Cheyenne	9,600	9,600	1,905	18,290,000	10,000	8,000	1,190	9,500,000
Denver .....	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...
Elbert	500	500	1,320	660,000	1,800	1,700	1,000	1,700,000
El Paso .....	...	...	...	...	...	...	...	...
Kiowa	3,500	3,500	1,955	6,840,000	3,600	3,500	1,200	4,200,000
Kit Carson	10,600	10,500	1,365	14,340,000	10,300	10,000	1,500	15,000,000
Lincoln	1,100	1,100	1,210	1,330,000	3,300	3,300	1,030	3,400,000
Phillips	1,000	1,000	1,170	1,170,000	1,000	1,000	1,200	1,200,000
Washington	1,300	1,200	1,060	1,270,000	3,000	3,000	1,300	3,900,000
Yuma	7,200	7,000	1,670	11,690,000	8,300	8,000	1,140	9,100,000
East Central	38,000	37,500	1,535	57,640,000	43,800	41,000	1,230	50,500,000
Archuleta .....	...	...	...	...	...	...	...	...
Delta .....	...	...	...	...	...	...	...	...
Dolores .....	...	...	...	...	...	...	...	...
Garfield .....	...	...	...	...	...	...	...	...
Hinsdale .....	...	...	...	...	...	...	...	...
La Plata .....	...	...	...	...	...	...	...	...
Mesa .....	...	...	...	...	...	...	...	...
Montezuma .....	...	...	...	...	...	...	...	...
Montrose .....	...	...	...	...	...	...	...	...
Ouray .....	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...
San Miguel .....	...	...	...	...	...	...	...	...
Southwest	...	...	...	...	...	...	...	...
Alamosa .....	...	...	...	...	...	...	...	...
Conejos .....	...	...	...	...	...	...	...	...
Costilla .....	...	...	...	...	...	...	...	...
Mineral .....	...	...	...	...	...	...	...	...
Rio Grande .....	...	...	...	...	...	...	...	...
Saguache .....	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...
Baca .....	...	...	...	...	200	200	1,000	200,000
Bent .....	...	...	...	...	...	...	...	...
Crowley .....	...	...	...	...	300	300	1,665	500,000
Custer .....	...	...	...	...	...	...	...	...
Fremont .....	...	...	...	...	...	...	...	...
Huerfano .....	...	...	...	...	...	...	...	...
Las Animas .....	...	...	...	...	...	...	...	...
Otero .....	...	...	...	...	...	...	...	...
Prowers .....	...	...	...	...	...	...	...	...
Pueblo .....	...	...	...	...	...	...	...	...
Southeast	...	...	...	...	500	500	1,400	700,000
State Total	45,000	44,000	1,450	63,800,000	50,000	47,000	1,200	56,400,000

Sunflowers, Oil: Production by County, Colorado, 1999 with Ranking of First Five Counties



POUNDS



Sunflowers, Oil: Acreage and production by county and district, Colorado, 1998-1999

County and District	1998				1999			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Chaffee	...	...	...	...	...	...	...	...
Clear Creek	...	...	...	...	...	...	...	...
Eagle	...	...	...	...	...	...	...	...
Gilpin	...	...	...	...	...	...	...	...
Grand	...	...	...	...	...	...	...	...
Gunnison	...	...	...	...	...	...	...	...
Jackson	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...
Moffat	...	...	...	...	...	...	...	...
Park	...	...	...	...	...	...	...	...
Pitkin	...	...	...	...	...	...	...	...
Rio Blanco	...	...	...	...	...	...	...	...
Routt	...	...	...	...	...	...	...	...
Summit	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...
Boulder	...	...	...	...	...	...	...	...
Jefferson	...	...	...	...	...	...	...	...
Larimer	...	...	...	...	...	...	...	...
Logan	5,600	5,500	910	5,000,000	4,500	4,500	1,110	5,000,000
Morgan	1,800	1,500	665	1,000,000	1,000	1,000	1,300	1,300,000
Sedgwick	4,600	4,500	1,335	6,000,000	3,500	3,500	1,255	4,400,000
Weld	9,000	8,500	1,175	10,000,000	4,000	4,000	1,500	6,000,000
Northeast	21,000	20,000	1,100	22,000,000	13,000	13,000	1,285	16,700,000

Sunflowers, Oil: Acreage and production by county and district, Colorado, 1998-1999, continued

County and District	1998				1999			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Adams	4,200	4,000	900	3,600,000	9,200	9,200	1,195	11,000,000
Arapahoe	1,100	1,000	1,200	1,200,000	3,700	3,500	1,200	4,200,000
Cheyenne	18,000	17,000	1,410	24,000,000	41,600	41,000	1,295	53,000,000
Denver .....	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...
Elbert	3,500	3,300	1,515	5,000,000	2,700	2,700	1,220	3,300,000
El Paso .....	...	...	...	...	...	...	...	...
Kiowa	13,000	10,000	1,790	17,900,000	24,000	24,000	1,625	39,000,000
Kit Carson	26,400	25,000	1,680	42,000,000	41,500	40,000	1,375	55,000,000
Lincoln	6,200	6,000	1,165	7,000,000	7,700	7,500	1,465	11,000,000
Phillips	1,700	1,700	765	1,300,000	1,100	1,100	1,090	1,200,000
Washington	8,200	8,000	940	7,500,000	6,000	6,000	1,050	6,300,000
Yuma	9,500	9,000	1,665	15,000,000	15,500	15,000	1,265	19,000,000
East Central	91,800	85,000	1,465	124,500,000	153,000	150,000	1,355	203,000,000
Archuleta .....	...	...	...	...	...	...	...	...
Delta .....	...	...	...	...	...	...	...	...
Dolores .....	...	...	...	...	...	...	...	...
Garfield .....	...	...	...	...	...	...	...	...
Hinsdale .....	...	...	...	...	...	...	...	...
La Plata .....	...	...	...	...	...	...	...	...
Mesa .....	...	...	...	...	...	...	...	...
Montezuma .....	...	...	...	...	...	...	...	...
Montrose .....	...	...	...	...	...	...	...	...
Ouray .....	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...
San Miguel .....	...	...	...	...	...	...	...	...
Southwest	...	...	...	...	...	...	...	...
Alamosa .....	...	...	...	...	...	...	...	...
Conejos .....	...	...	...	...	...	...	...	...
Costilla .....	...	...	...	...	...	...	...	...
Mineral .....	...	...	...	...	...	...	...	...
Rio Grande .....	...	...	...	...	...	...	...	...
Saguache .....	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...
Baca	1,500	1,500	1,735	2,600,000	6,500	6,500	1,310	8,500,000
Bent .....	...	...	...	...	...	...	...	...
Crowley .....	...	...	...	...	...	...	...	...
Custer .....	...	...	...	...	...	...	...	...
Fremont .....	...	...	...	...	...	...	...	...
Huerfano .....	...	...	...	...	...	...	...	...
Las Animas .....	...	...	...	...	...	...	...	...
Otero .....	...	...	...	...	...	...	...	...
Prowers	700	500	1,400	700,000	2,500	2,500	1,600	4,000,000
Pueblo .....	...	...	...	...	...	...	...	...
Southeast	2,200	2,000	1,650	3,300,000	9,000	9,000	1,390	12,500,000
State Total	115,000	107,000	1,400	149,800,000	175,000	172,000	1,350	232,200,000

Sunflowers, Non-Oil: Harvested Acres, Colorado, 1991-99 (000 Acres)



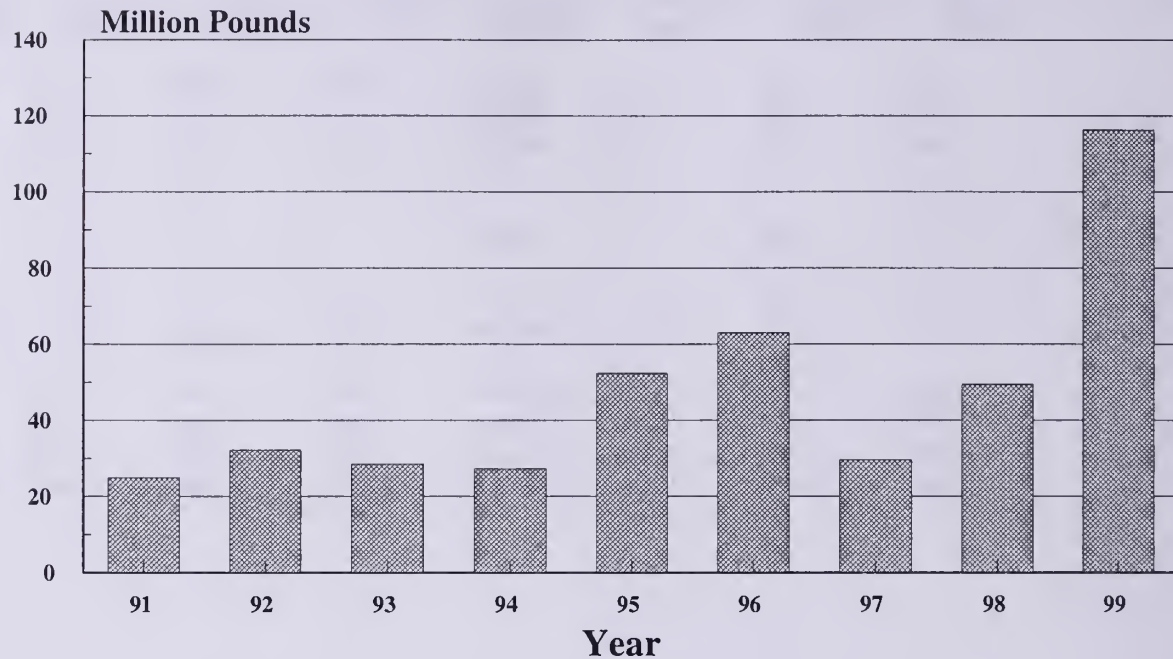
Sunflowers, Non-Oil: Acreage and production by county and district, Colorado, 1994-1995

County and District	1994				1995			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Chaffee .....	...	...	...	...	...	...	...	...
Clear Creek .....	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...
Gunnison .....	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...
Rio Blanco .....	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...
Boulder .....	...	...	...	...	...	...	...	...
Jefferson .....	...	...	...	...	...	...	...	...
Larimer .....	...	...	...	...	...	...	...	...
Logan	1,500	1,000	380	380,000	2,000	2,000	990	1,980,000
Morgan	2,000	2,000	625	1,250,000	3,500	3,500	1,065	3,730,000
Sedgwick	1,000	1,000	680	680,000	2,200	2,000	1,010	2,020,000
Weld	2,000	2,000	745	1,490,000	3,800	3,500	1,195	4,180,000
Northeast	6,500	6,000	635	3,800,000	11,500	11,000	1,085	11,910,000

Sunflowers, Non-Oil: Acreage and production by county and district, Colorado, 1994-1995, continued

County and District	1994				1995			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Adams	1,800	1,500	645	970,000	1,900	1,900	665	1,260,000
Arapahoe	400	400	700	280,000	...	...	...	...
Cheyenne	800	800	700	560,000	700	700	1,300	910,000
Denver .....	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...
Elbert	300	300	665	200,000	...	...	...	...
El Paso .....	...	...	...	...	...	...	...	...
Kiowa .....	...	...	...	...	...	...	...	...
Kit Carson	7,200	6,900	1,580	10,910,000	21,700	21,200	1,265	26,790,000
Lincoln .....	...	...	...	...	...	...	...	...
Phillips	2,200	2,000	675	1,350,000	3,200	2,900	960	2,790,000
Washington	4,000	3,500	1,050	3,670,000	4,600	4,300	830	3,570,000
Yuma	4,800	4,600	1,210	5,560,000	6,400	6,000	850	5,090,000
East Central	21,500	20,000	1,175	23,500,000	38,500	37,000	1,090	40,410,000
Archuleta .....	...	...	...	...	...	...	...	...
Delta .....	...	...	...	...	...	...	...	...
Dolores .....	...	...	...	...	...	...	...	...
Garfield .....	...	...	...	...	...	...	...	...
Hinsdale .....	...	...	...	...	...	...	...	...
La Plata .....	...	...	...	...	...	...	...	...
Mesa .....	...	...	...	...	...	...	...	...
Montezuma .....	...	...	...	...	...	...	...	...
Montrose .....	...	...	...	...	...	...	...	...
Ouray .....	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...
San Miguel .....	...	...	...	...	...	...	...	...
Southwest	...	...	...	...	...	...	...	...
Alamosa .....	...	...	...	...	...	...	...	...
Conejos .....	...	...	...	...	...	...	...	...
Costilla .....	...	...	...	...	...	...	...	...
Mineral .....	...	...	...	...	...	...	...	...
Rio Grande .....	...	...	...	...	...	...	...	...
Saguache .....	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...
Baca .....	...	...	...	...	...	...	...	...
Bent .....	...	...	...	...	...	...	...	...
Crowley .....	...	...	...	...	...	...	...	...
Custer .....	...	...	...	...	...	...	...	...
Fremont .....	...	...	...	...	...	...	...	...
Huerfano .....	...	...	...	...	...	...	...	...
Las Animas .....	...	...	...	...	...	...	...	...
Otero .....	...	...	...	...	...	...	...	...
Prowers .....	...	...	...	...	...	...	...	...
Pueblo .....	...	...	...	...	...	...	...	...
Southeast	...	...	...	...	...	...	...	...
State Total	28,000	26,000	1,050	27,300,000	50,000	48,000	1,090	52,320,000

Sunflowers, Non-Oil: Production, Colorado, 1991-99 (Million Pounds)



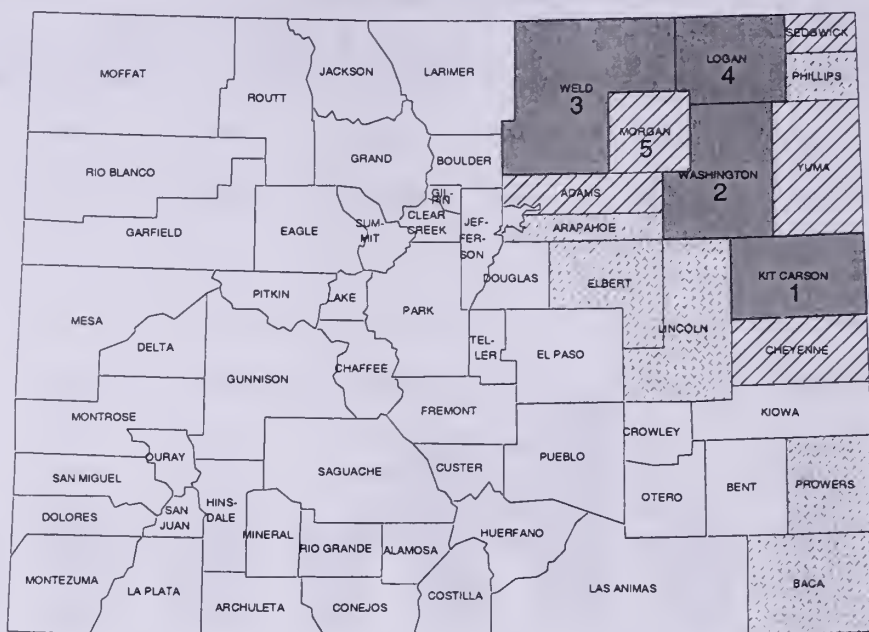
Sunflowers, Non-Oil: Acreage and production by county and district, Colorado, 1996-1997

County and District	1996				1997			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Chaffee .....	...	...	...	...	...	...	...	...
Clear Creek .....	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...
Gunnison .....	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...
Rio Blanco .....	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...
Boulder .....	...	...	...	...	...	...	...	...
Jefferson .....	...	...	...	...	...	...	...	...
Larimer .....	...	...	...	...	...	...	...	...
Logan	3,700	3,000	1,150	3,450,000	2,600	2,500	880	2,200,000
Morgan	4,100	4,000	900	3,600,000	1,500	1,500	1,000	1,500,000
Sedgwick	500	500	1,000	500,000	2,600	2,500	1,040	2,600,000
Weld	2,700	2,500	860	2,150,000	4,100	4,000	975	3,900,000
Northeast	11,000	10,000	970	9,700,000	10,800	10,500	970	10,200,000

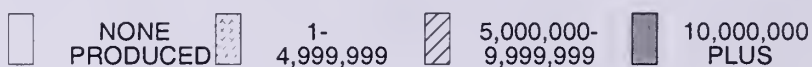
Sunflowers, Non-Oil: Acreage and production by county and district, Colorado, 1996-1997, continued

County and District	1996				1997			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Adams	3,100	3,100	640	1,980,000	3,200	3,000	600	1,800,000
Arapahoe
Cheyenne	3,200	3,200	1,430	4,570,000	1,600	1,500	800	1,200,000
Denver
Douglas
Elbert
El Paso
Kiowa
Kit Carson	29,000	28,500	1,025	29,200,000	10,900	10,000	910	9,100,000
Lincoln
Phillips	3,600	3,400	800	2,720,000	1,600	1,500	1,065	1,600,000
Washington	6,100	6,100	1,150	7,000,000	4,100	4,000	900	3,600,000
Yuma	9,000	8,700	900	7,830,000	2,300	2,000	800	1,600,000
1st Central	54,000	53,000	1,005	53,300,000	23,700	22,000	860	18,900,000
Archuleta
Delta
Dolores
Garfield
Hinsdale
La Plata
Mesa
Montezuma
Montrose
Ouray
San Juan
San Miguel
Southwest
Alamosa
Conejos
Costilla
Mineral
Rio Grande
Saguache
San Luis Valley
Baca	200	200	800	160,000
Bent
Crowley	300	300	1,465	440,000
Custer
Fremont
Huerfano
Las Animas
Otero
Prowers
Pueblo
Southeast	500	500	1,200	600,000
State Total	65,000	63,000	1,000	63,000,000	35,000	33,000	900	29,700,000

Sunflowers, Non-Oil: Production by County, Colorado, 1999 with Ranking of First Five Counties



POUNDS



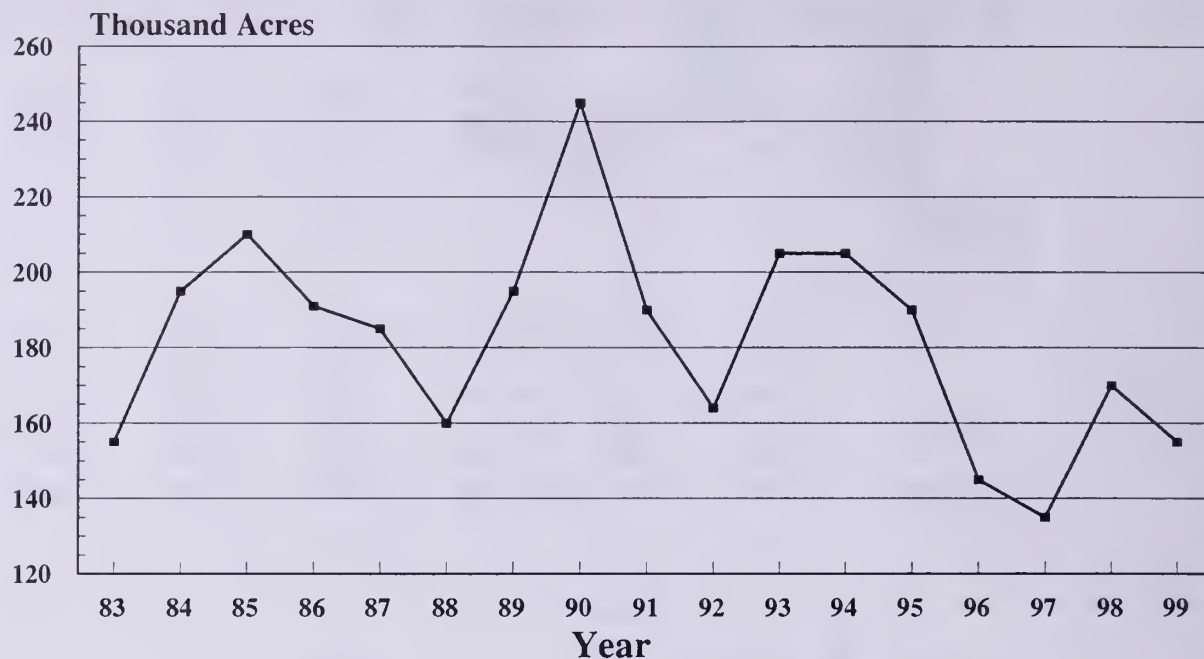
Sunflowers, Non-Oil: Acreage and production by county and district, Colorado, 1998-1999

County and District	1998				1999			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Chaffee	...	...	...	...	...	...	...	...
Clear Creek	...	...	...	...	...	...	...	...
Eagle	...	...	...	...	...	...	...	...
Gilpin	...	...	...	...	...	...	...	...
Grand	...	...	...	...	...	...	...	...
Gunnison	...	...	...	...	...	...	...	...
Jackson	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...
Moffat	...	...	...	...	...	...	...	...
Park	...	...	...	...	...	...	...	...
Pitkin	...	...	...	...	...	...	...	...
Rio Blanco	...	...	...	...	...	...	...	...
Routt	...	...	...	...	...	...	...	...
Summit	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...
Boulder	...	...	...	...	...	...	...	...
Jefferson	...	...	...	...	...	...	...	...
Larimer	...	...	...	...	...	...	...	...
Logan	3,500	3,500	1,030	3,600,000	9,600	9,500	1,075	10,200,000
Morgan	6,700	5,500	980	5,400,000	8,900	8,500	1,000	8,500,000
Sedgwick	1,500	1,500	1,335	2,000,000	3,000	3,000	1,765	5,300,000
Weld	2,800	2,500	800	2,000,000	11,000	11,000	1,275	14,000,000
Northeast	14,500	13,000	1,000	13,000,000	32,500	32,000	1,190	38,000,000

Sunflowers, Non-Oil: Acreage and production by county and district, Colorado, 1998-1999, continued

County and District	1998				1999			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Pounds	Pounds	Acres	Acres	Pounds	Pounds
Adams	3,000	3,000	1,335	4,000,000	8,000	8,000	1,000	8,000,000
Arapahoe	1,500	1,500	1,000	1,500,000	1,100	1,100	1,090	1,200,000
Cheyenne	2,000	2,000	1,300	2,600,000	5,500	5,500	1,090	6,000,000
Denver .....	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...
Elbert .....	...	...	...	...	600	600	1,500	900,000
El Paso .....	...	...	...	...	...	...	...	...
Kiowa .....	...	...	...	...	...	...	...	...
Kit Carson	13,000	13,000	1,400	18,200,000	24,000	23,000	1,435	33,000,000
Lincoln .....	...	...	...	...	1,000	1,000	1,000	1,000,000
Phillips	2,000	2,000	1,250	2,500,000	4,100	4,100	975	4,000,000
Washington	7,500	7,000	885	6,200,000	13,500	13,000	1,310	17,000,000
Yuma	1,000	1,000	800	800,000	3,700	3,700	1,675	6,200,000
East Central	30,000	29,500	1,215	35,800,000	61,500	60,000	1,290	77,300,000
Archuleta .....	...	...	...	...	...	...	...	...
Delta .....	...	...	...	...	...	...	...	...
Dolores .....	...	...	...	...	...	...	...	...
Garfield .....	...	...	...	...	...	...	...	...
Hinsdale .....	...	...	...	...	...	...	...	...
La Plata .....	...	...	...	...	...	...	...	...
Mesa .....	...	...	...	...	...	...	...	...
Montezuma .....	...	...	...	...	...	...	...	...
Montrose .....	...	...	...	...	...	...	...	...
Ouray .....	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...
San Miguel .....	...	...	...	...	...	...	...	...
Southwest	...	...	...	...	...	...	...	...
Alamosa .....	...	...	...	...	...	...	...	...
Conejos .....	...	...	...	...	...	...	...	...
Costilla .....	...	...	...	...	...	...	...	...
Mineral .....	...	...	...	...	...	...	...	...
Rio Grande .....	...	...	...	...	...	...	...	...
Saguache .....	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...
Baca	500	500	1,300	650,000	300	300	900	270,000
Bent .....	...	...	...	...	...	...	...	...
Crowley .....	...	...	...	...	...	...	...	...
Custer .....	...	...	...	...	...	...	...	...
Fremont .....	...	...	...	...	...	...	...	...
Huerfano .....	...	...	...	...	...	...	...	...
Las Animas .....	...	...	...	...	...	...	...	...
Otero .....	...	...	...	...	...	...	...	...
Prowers .....	...	...	...	...	700	700	970	680,000
Pueblo .....	...	...	...	...	...	...	...	...
Southeast	500	500	1,300	650,000	1,000	1,000	950	950,000
State Total	45,000	43,000	1,150	49,450,000	95,000	93,000	1,250	116,250,000

Dry Beans: Planted Acres, Colorado, 1983-1999 (000 Acres)



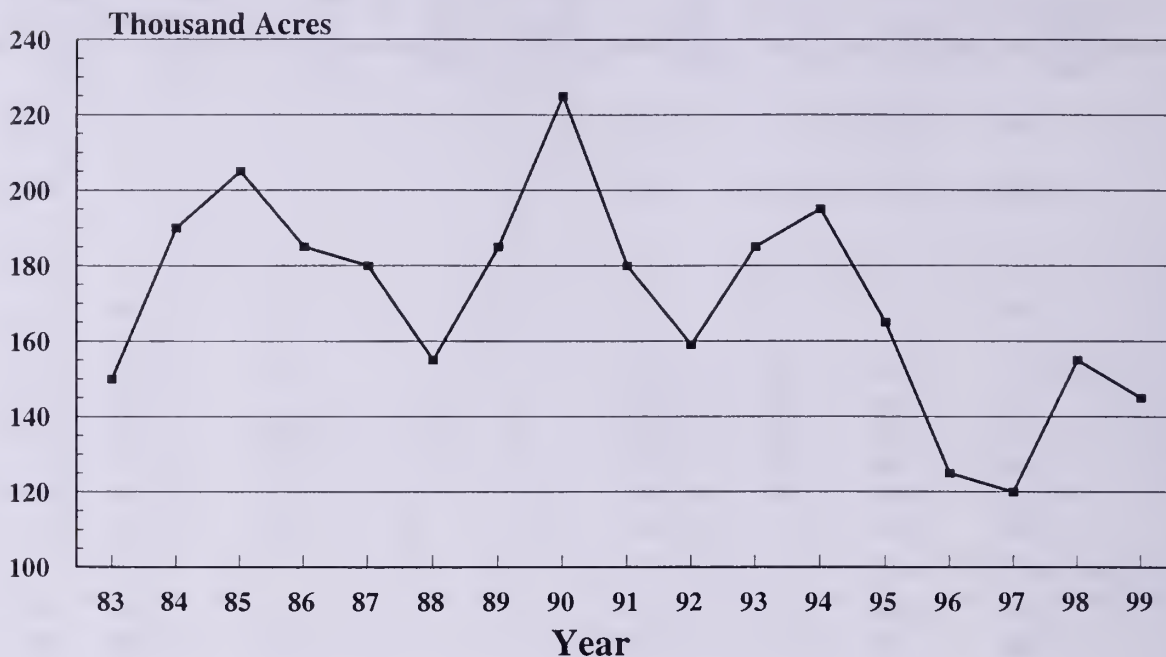
Dry Beans: Acreage and production by county and district, Colorado, 1994

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Lbs.	Cwt.	Acres	Lbs	Cwt.	Acres	Lbs.	Cwt.
Chaffee .....	...	...	...	...	...	...	...	...	...	...
Clear Creek ..	...	...	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...	...	...
Gunnison ...	...	...	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...	...	...
Rio Blanco ..	...	...	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder	2,100	2,000	1,650	33,000	...	...	...	2,000	1,650	33,000
Jefferson ....	...	...	...	...	...	...	...	...	...	...
Larimer	6,400	6,000	1,880	113,000	...	...	...	6,000	1,880	113,000
Logan	8,700	8,000	1,830	146,000	...	...	...	8,000	1,830	146,000
Morgan	10,200	9,500	1,710	162,000	...	...	...	9,500	1,710	162,000
Sedgwick ...	6,800	6,000	1,750	105,000	500	1,200	6,000	6,500	1,710	111,000
Weld	39,800	38,000	2,110	800,000	...	...	...	38,000	2,110	800,000
Northeast	74,000	69,500	1,960	1,359,000	500	1,200	6,000	70,000	1,950	1,365,000

Dry Beans: Acreage and production by county and district, Colorado, 1994, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
Adams	1,000	1,000	1,700	17,000	...	...	...	1,000	1,700	17,000
Arapahoe . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne . . .	500	500	1,800	9,000	...	...	...	500	1,800	9,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert . . . . .	...	...	...	...	...	...	...	...	...	...
El Paso	500	...	...	...	500	300	1,500	500	300	1,500
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson . . .	20,400	18,700	1,700	317,000	500	900	4,500	19,200	1,670	321,500
Lincoln	500	500	1,200	6,000	...	...	...	500	1,200	6,000
Phillips	7,200	6,500	1,980	129,000	500	1,200	6,000	7,000	1,930	135,000
Washington . .	3,700	3,000	1,800	54,000	500	1,200	6,000	3,500	1,710	60,000
Yuma	31,800	30,800	2,060	633,000	...	...	...	30,800	2,060	633,000
East Central	65,600	61,000	1,910	1,165,000	2,000	900	18,000	63,000	1,880	1,183,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	3,000	3,000	1,970	59,000	...	...	...	3,000	1,970	59,000
Dolores	25,800	1,500	1,470	22,000	22,700	310	70,500	24,200	380	92,500
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	2,800	...	...	...	2,500	230	5,700	2,500	230	5,700
Mesa	2,500	2,500	1,600	40,000	...	...	...	2,500	1,600	40,000
Montezuma . .	11,800	2,000	1,850	37,000	9,000	370	33,000	11,000	640	70,000
Montrose . . .	11,100	11,000	2,000	220,000	...	...	...	11,000	2,000	220,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	1,900	...	...	...	1,800	270	4,800	1,800	270	4,800
Southwest	58,900	20,000	1,890	378,000	36,000	320	114,000	56,000	880	492,000
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	...	...	...	...	...	...	...	...	...	...
Saguache . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca . . . . .	...	...	...	...	...	...	...	...	...	...
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	...	...	...	...	...	...	...	...	...	...
Otero	1,600	1,500	1,670	25,000	...	...	...	1,500	1,670	25,000
Prowers . . . . .	...	...	...	...	...	...	...	...	...	...
Pueblo	4,900	3,000	2,270	68,000	1,500	470	7,000	4,500	1,670	75,000
Southeast	6,500	4,500	2,070	93,000	1,500	470	7,000	6,000	1,670	100,000
State Total	205,000	155,000	1,930	2,995,000	40,000	360	145,000	195,000	1,610	3,140,000

Dry Beans: Harvested Acres, Colorado, 1983-1999 (000 Acres)



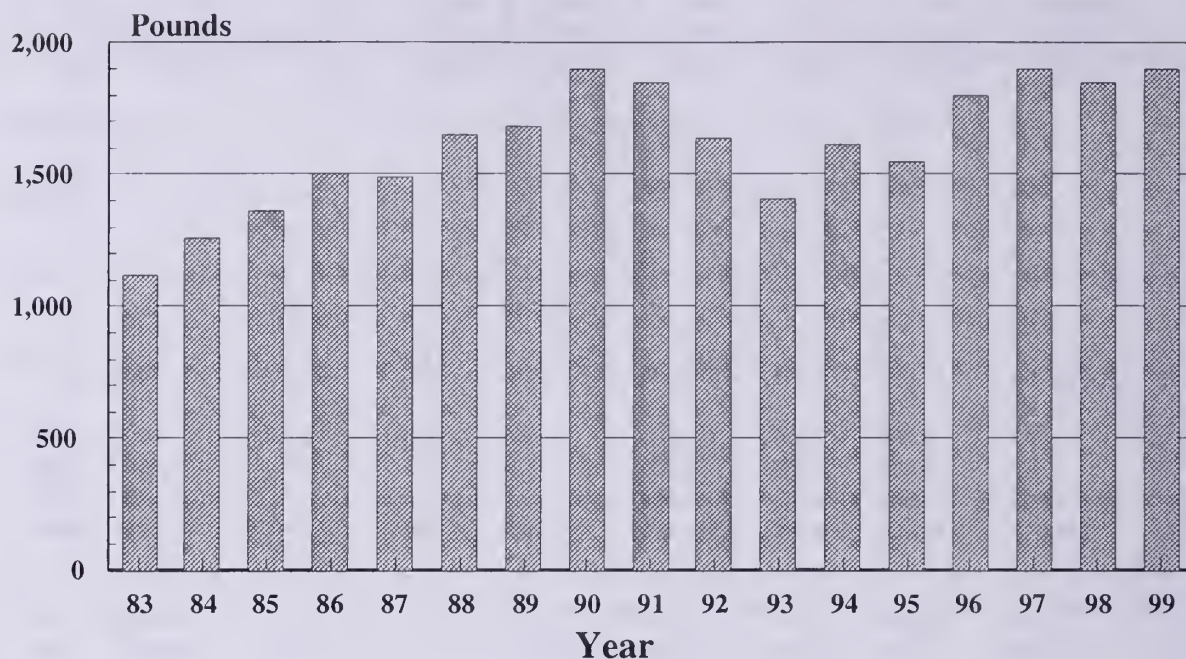
Dry Beans: Acreage and production by county and district, Colorado, 1995

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat . . . . .	...	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	...	...	...	...	...	...	...	...	...	...
Routt . . . . .	...	...	...	...	...	...	...	...	...	...
Summit . . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder	1,500	800	880	7,000	...	...	...	800	880	7,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	4,800	4,000	2,150	86,000	...	...	...	4,000	2,150	86,000
Logan	6,500	5,900	2,030	120,000	...	...	...	5,900	2,030	120,000
Morgan	9,100	6,800	1,340	91,000	...	...	...	6,800	1,340	91,000
Sedgwick . . .	6,600	5,700	1,610	92,000	300	1,330	4,000	6,000	1,600	96,000
Weld	35,500	27,500	1,820	500,000	...	...	...	27,500	1,820	500,000
Northeast	64,000	50,700	1,770	896,000	300	1,330	4,000	51,000	1,760	900,000

Dry Beans: Acreage and production by county and district, Colorado, 1995, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
Adams	800	700	1,860	13,000	...	...	...	700	1,860	13,000
Arapahoe . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne . . .	400	400	1,750	7,000	...	...	...	400	1,750	7,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert . . . . .	...	...	...	...	...	...	...	...	...	...
El Paso	700	...	...	...	500	200	1,000	500	200	1,000
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson . .	18,700	17,600	1,760	310,000	200	500	1,000	17,800	1,750	311,000
Lincoln . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	9,700	8,700	1,870	163,000	500	800	4,000	9,200	1,820	167,000
Washington . .	3,500	3,400	1,650	56,000	...	...	...	3,400	1,650	56,000
Yuma	32,200	31,000	1,980	613,000	...	...	...	31,000	1,980	613,000
East Central	66,000	61,800	1,880	1,162,000	1,200	500	6,000	63,000	1,850	1,168,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	3,200	3,000	1,830	55,000	...	...	...	3,000	1,830	55,000
Dolores	21,200	1,000	1,700	17,000	17,000	310	52,000	18,000	380	69,000
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	1,700	...	...	...	1,100	270	3,000	1,100	270	3,000
Mesa	1,900	1,900	1,630	31,000	...	...	...	1,900	1,630	31,000
Montezuma . .	13,900	2,100	1,860	39,000	7,900	290	23,000	10,000	620	62,000
Montrose . . .	10,600	10,500	1,830	192,000	...	...	...	10,500	1,830	192,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	1,700	...	...	...	1,500	200	3,000	1,500	200	3,000
Southwest	54,200	18,500	1,810	334,000	27,500	290	81,000	46,000	900	415,000
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	...	...	...	...	...	...	...	...	...	...
Saguache . . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca . . . . .	...	...	...	...	...	...	...	...	...	...
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	...	...	...	...	...	...	...	...	...	...
Otero	1,400	1,400	1,640	23,000	...	...	...	1,400	1,640	23,000
Prowers . . . . .	...	...	...	...	...	...	...	...	...	...
Pueblo	4,400	2,600	1,920	50,000	1,000	200	2,000	3,600	1,440	52,000
Southeast	5,800	4,000	1,830	73,000	1,000	200	2,000	5,000	1,500	75,000
State Total	190,000	135,000	1,830	2,465,000	30,000	310	93,000	165,000	1,550	2,558,000

Dry Beans: Yield Per Acre, Colorado, 1983-1999 (Pounds Per Acre)



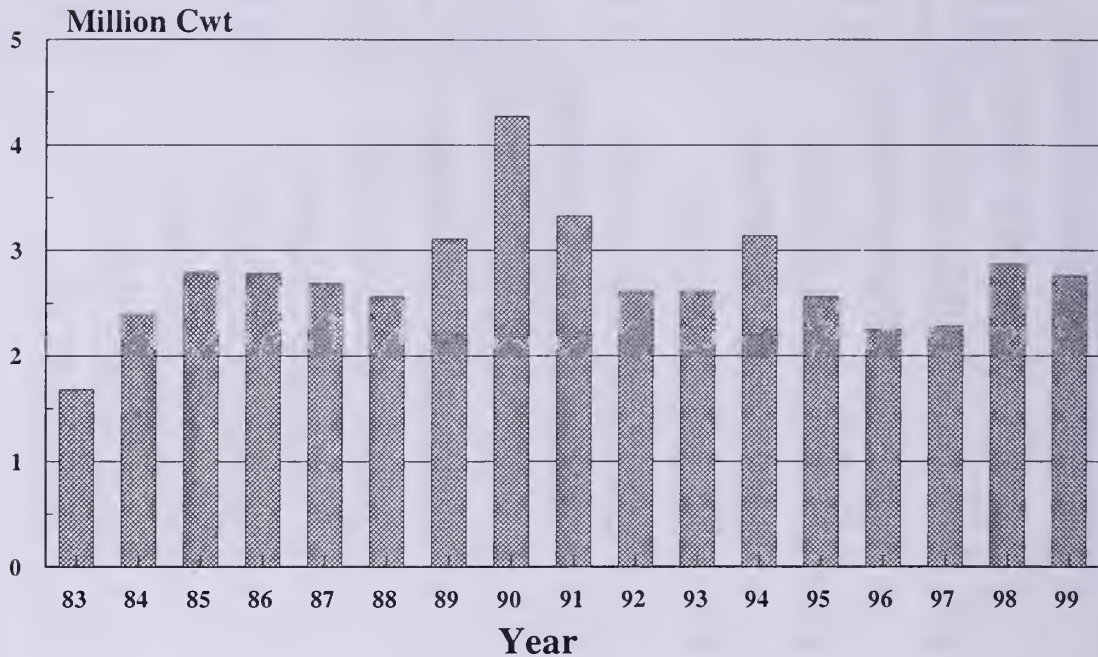
Dry Beans: Acreage and production by county and district, Colorado, 1996

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
Chaffee .....	...	...	...	...	...	...	...	...	...	...
Clear Creek ..	...	...	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...	...	...
Gunnison ...	...	...	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...	...	...
Rio Blanco ..	...	...	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder	1,200	1,100	1,910	21,000	...	...	...	1,100	1,910	21,000
Jefferson .....	...	...	...	...	...	...	...	...	...	...
Larimer	4,500	4,000	1,880	75,000	400	1,000	4,000	4,400	1,800	79,000
Logan	4,000	3,700	1,840	68,000	...	...	...	3,700	1,840	68,000
Morgan	6,800	6,000	1,700	102,000	...	...	...	6,000	1,700	102,000
Sedgwick ...	5,000	4,500	1,710	77,000	300	1,330	4,000	4,800	1,690	81,000
Weld	30,500	24,900	1,780	443,000	1,100	820	9,000	26,000	1,740	452,000
Northeast	52,000	44,200	1,780	786,000	1,800	940	17,000	46,000	1,750	803,000

Dry Beans: Acreage and production by county and district, Colorado, 1996, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
Adams	600	400	1,750	7,000	...	...	...	400	1,750	7,000
Arapahoe ...	...	...	...	...	...	...	...	...	...	...
Cheyenne ...	...	...	...	...	...	...	...	...	...	...
Denver .....	...	...	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...	...	...
Elbert .....	...	...	...	...	...	...	...	...	...	...
El Paso .....	...	...	...	...	...	...	...	...	...	...
Kiowa .....	...	...	...	...	...	...	...	...	...	...
Kit Carson ..	14,600	14,200	1,950	277,000	200	1,000	2,000	14,400	1,940	279,000
Lincoln	300	...	...	...	300	670	2,000	300	670	2,000
Phillips	11,100	10,500	1,900	199,000	...	...	...	10,500	1,900	199,000
Washington ..	3,000	2,900	1,790	52,000	...	...	...	2,900	1,790	52,000
Yuma	32,500	28,200	1,870	526,000	300	1,330	4,000	28,500	1,860	530,000
East Central	62,100	56,200	1,890	1,061,000	800	1,000	8,000	57,000	1,880	1,069,000
Archuleta ...	...	...	...	...	...	...	...	...	...	...
Delta	3,000	2,700	1,850	50,000	...	...	...	2,700	1,850	50,000
Dolores	7,200	1,300	1,230	16,000	...	...	...	1,300	1,230	16,000
Garfield .....	...	...	...	...	...	...	...	...	...	...
Hinsdale .....	...	...	...	...	...	...	...	...	...	...
La Plata	200	...	...	...	...	...	...	...	...	...
Mesa	800	800	1,880	15,000	...	...	...	800	1,880	15,000
Montezuma ..	3,600	1,500	1,870	28,000	300	330	1,000	1,800	1,610	29,000
Montrose ...	11,500	11,400	1,920	219,000	...	...	...	11,400	1,920	219,000
Ouray .....	...	...	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...	...	...
San Miguel ..	300	...	...	...	...	...	...	...	...	...
Southwest	26,600	17,700	1,850	328,000	300	330	1,000	18,000	1,830	329,000
Alamosa ....	...	...	...	...	...	...	...	...	...	...
Conejos .....	...	...	...	...	...	...	...	...	...	...
Costilla .....	...	...	...	...	...	...	...	...	...	...
Mineral .....	...	...	...	...	...	...	...	...	...	...
Rio Grande ..	...	...	...	...	...	...	...	...	...	...
Saguache ...	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca .....	...	...	...	...	...	...	...	...	...	...
Bent .....	...	...	...	...	...	...	...	...	...	...
Crowley .....	...	...	...	...	...	...	...	...	...	...
Custer .....	...	...	...	...	...	...	...	...	...	...
Fremont .....	...	...	...	...	...	...	...	...	...	...
Huerfano .....	...	...	...	...	...	...	...	...	...	...
Las Animas ..	...	...	...	...	...	...	...	...	...	...
Otero	600	600	1,670	10,000	...	...	...	600	1,670	10,000
Prowers .....	...	...	...	...	...	...	...	...	...	...
Pueblo	3,700	1,300	2,540	33,000	2,100	290	6,000	3,400	1,150	39,000
Southeast	4,300	1,900	2,260	43,000	2,100	290	6,000	4,000	1,230	49,000
State Total	145,000	120,000	1,850	2,218,000	5,000	640	32,000	125,000	1,800	2,250,000

Dry Beans: Production, Colorado, 1983-1999 (Million Cwt)



Dry Beans: Acreage and production by county and district, Colorado, 1997

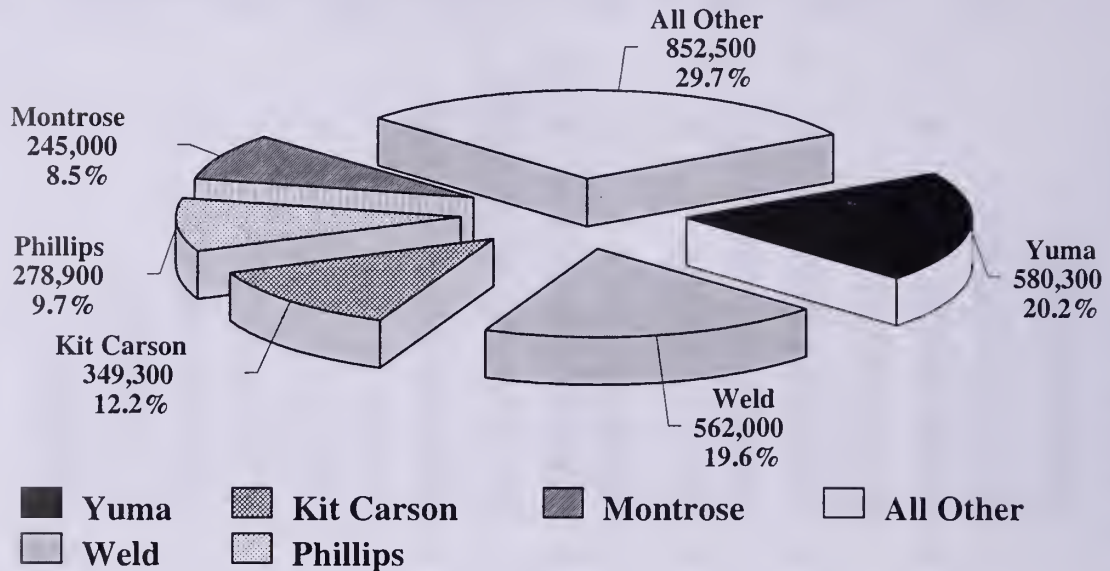
County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
Chaffee . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat . . . . .	...	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	...	...	...	...	...	...	...	...	...	...
Routt . . . . .	...	...	...	...	...	...	...	...	...	...
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder	500	500	2,000	10,000	...	...	...	500	2,000	10,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	4,700	4,300	2,000	86,000	...	...	...	4,300	2,000	86,000
Logan	3,600	2,800	2,390	67,000	500	600	3,000	3,300	2,120	70,000
Morgan	5,000	4,500	1,870	84,000	...	...	...	4,500	1,870	84,000
Sedgwick . . .	4,700	3,500	1,800	63,000	500	600	3,000	4,000	1,650	66,000
Weld	25,000	22,400	2,230	500,000	...	...	...	22,400	2,230	500,000
Northeast	43,500	38,000	2,130	810,000	1,000	600	6,000	39,000	2,090	816,000

Dry Beans: Acreage and production by county and district, Colorado, 1997, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
Adams	500	500	2,200	11,000	...	...	...	500	2,200	11,000
Arapahoe ...	...	...	...	...	...	...	...	...	...	...
Cheyenne ...	800	400	2,000	8,000	200	850	1,700	600	1,620	9,700
Denver .....	...	...	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...	...	...
Elbert .....	...	...	...	...	...	...	...	...	...	...
El Paso .....	...	...	...	...	...	...	...	...	...	...
Kiowa .....	...	...	...	...	...	...	...	...	...	...
Kit Carson ...	15,700	13,300	2,280	303,000	500	940	4,700	13,800	2,230	307,700
Lincoln	300	300	1,330	4,000	...	...	...	300	1,330	4,000
Phillips	6,000	5,400	2,040	110,000	...	...	...	5,400	2,040	110,000
Washington .	4,200	3,200	1,690	54,000	300	870	2,600	3,500	1,620	56,600
Yuma	24,500	21,900	2,190	480,000	...	...	...	21,900	2,190	480,000
East Central	52,000	45,000	2,160	970,000	1,000	900	9,000	46,000	2,130	979,000
Archuleta ...	...	...	...	...	...	...	...	...	...	...
Delta	2,100	2,000	1,900	38,000	...	...	...	2,000	1,900	38,000
Dolores	14,900	2,100	1,860	39,000	10,900	870	95,000	13,000	1,030	134,000
Garfield .....	...	...	...	...	...	...	...	...	...	...
Hinsdale .....	...	...	...	...	...	...	...	...	...	...
La Plata	300	...	...	...	200	650	1,300	200	650	1,300
Mesa	700	700	1,570	11,000	...	...	...	700	1,570	11,000
Montezuma ...	6,700	700	1,710	12,000	4,800	770	37,000	5,500	890	49,000
Montrose ...	9,600	9,000	2,060	185,000	...	...	...	9,000	2,060	185,000
Ouray .....	...	...	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...	...	...
San Miguel ..	700	...	...	...	600	620	3,700	600	620	3,700
Southwest	35,000	14,500	1,970	285,000	16,500	830	137,000	31,000	1,360	422,000
Alamosa ....	...	...	...	...	...	...	...	...	...	...
Conejos .....	...	...	...	...	...	...	...	...	...	...
Costilla .....	...	...	...	...	...	...	...	...	...	...
Mineral .....	...	...	...	...	...	...	...	...	...	...
Rio Grande ..	...	...	...	...	...	...	...	...	...	...
Saguache ...	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca .....	...	...	...	...	...	...	...	...	...	...
Bent .....	...	...	...	...	...	...	...	...	...	...
Crowley	300	300	2,000	6,000	...	...	...	300	2,000	6,000
Custer .....	...	...	...	...	...	...	...	...	...	...
Fremont .....	...	...	...	...	...	...	...	...	...	...
Huerfano ....	...	...	...	...	...	...	...	...	...	...
Las Animas ..	...	...	...	...	...	...	...	...	...	...
Otero	900	800	2,130	17,000	...	...	...	800	2,130	17,000
Prowers .....	...	...	...	...	...	...	...	...	...	...
Pueblo	3,300	1,400	2,290	32,000	1,500	530	8,000	2,900	1,380	40,000
Southeast	4,500	2,500	2,200	55,000	1,500	530	8,000	4,000	1,580	63,000
State Total	135,000	100,000	2,120	2,120,000	20,000	800	160,000	120,000	1,900	2,280,000

Dry Beans Production - 1998 Crop Top Five Counties, Colorado

Production in Hundredweight and Percent of Total



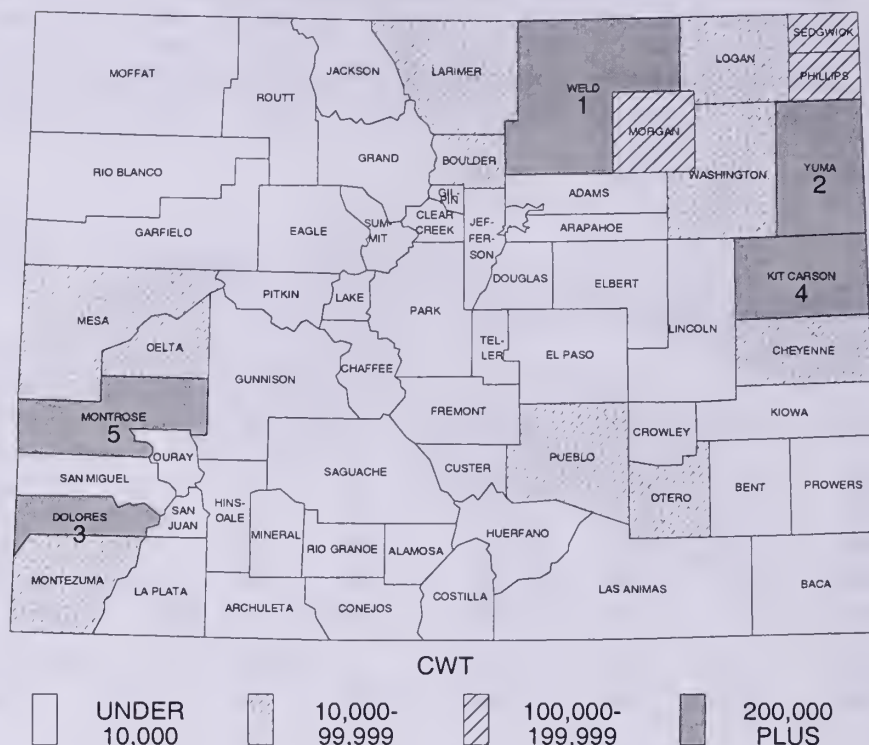
Dry Beans: Acreage and production by county and district, Colorado, 1998

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
	Acres	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
Chaffee . . . .	...	...	...	...	...	...	...	...	...	...
Clear Creek . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . .	...	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat . . . . .	...	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco . .	...	...	...	...	...	...	...	...	...	...
Routt . . . . .	...	...	...	...	...	...	...	...	...	...
Summit . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder	500	500	2,000	10,000	...	...	...	500	2,000	10,000
Jefferson . . .	...	...	...	...	...	...	...	...	...	...
Larimer	5,200	5,000	1,760	88,000	...	...	...	5,000	1,760	88,000
Logan	3,800	3,000	2,030	61,000	500	1,000	5,000	3,500	1,890	66,000
Morgan	5,800	5,500	2,180	120,000	...	...	...	5,500	2,180	120,000
Sedgwick . . .	6,700	5,000	2,080	104,000	1,000	1,300	13,000	6,000	1,950	117,000
Weld	27,000	24,500	2,290	562,000	...	...	...	24,500	2,290	562,000
Northeast	49,000	43,500	2,170	945,000	1,500	1,200	18,000	45,000	2,140	963,000

Dry Beans: Acreage and production by county and district, Colorado, 1998, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
	Acres	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
Adams	600	600	2,500	15,000	...	...	...	600	2,500	15,000
Arapahoe . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne . . .	...	...	...	...	...	...	...	...	...	...
Denver . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert . . . . .	...	...	...	...	...	...	...	...	...	...
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson . .	18,200	16,000	2,160	345,000	500	860	4,300	16,500	2,120	349,300
Lincoln . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	13,600	12,200	2,250	275,000	300	1,300	3,900	12,500	2,230	278,900
Washington . .	5,300	4,000	2,050	82,000	400	1,130	4,500	4,400	1,970	86,500
Yuma	29,300	25,700	2,250	578,000	300	770	2,300	26,000	2,230	580,300
East Central	67,000	58,500	2,210	1,295,000	1,500	1,000	15,000	60,000	2,180	1,310,000
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	2,600	2,400	2,290	55,000	...	...	...	2,400	2,290	55,000
Dolores	28,100	4,200	1,690	71,000	21,800	390	84,000	26,000	600	155,000
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	500	...	...	...	500	320	1,600	500	320	1,600
Mesa	800	800	2,250	18,000	...	...	...	800	2,250	18,000
Montezuma . .	5,700	600	1,830	11,000	4,700	290	13,400	5,300	460	24,400
Montrose . . .	10,800	10,000	2,450	245,000	...	...	...	10,000	2,450	245,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	48,500	18,000	2,220	400,000	27,000	370	99,000	45,000	1,110	499,000
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	...	...	...	...	...	...	...	...	...	...
Saguache . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca . . . . .	...	...	...	...	...	...	...	...	...	...
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	...	...	...	...	...	...	...	...	...	...
Otero	1,000	900	2,000	18,000	...	...	...	900	2,000	18,000
Prowers . . . .	...	...	...	...	...	...	...	...	...	...
Pueblo	4,500	2,600	2,770	72,000	1,500	400	6,000	4,100	1,900	78,000
Southeast	5,500	3,500	2,570	90,000	1,500	400	6,000	5,000	1,920	96,000
State Total	170,000	123,500	2,210	2,730,000	31,500	440	138,000	155,000	1,850	2,868,000

Dry Beans: Production by County, Colorado, 1999 with Ranking of First Five Counties



Dry Beans: Acreage and production by county and district, Colorado, 1999

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
Chaffee .....	...	...	...	...	...	...	...	...	...	...
Clear Creek ..	...	...	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...	...	...
Gunnison ...	...	...	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...	...	...
Rio Blanco ..	...	...	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...	...
NW & Mountain	...	...	...	...	...	...	...	...	...	...
Boulder	600	600	2,170	13,000	...	...	...	600	2,170	13,000
Jefferson ....	...	...	...	...	...	...	...	...	...	...
Larimer	3,100	2,300	2,350	54,000	600	750	4,500	2,900	2,020	58,500
Logan	3,600	3,000	1,930	58,000	...	...	...	3,000	1,930	58,000
Morgan	6,300	6,000	2,000	120,000	...	...	...	6,000	2,000	120,000
Sedgwick ...	6,800	5,600	1,960	110,000	900	890	8,000	6,500	1,820	118,000
Weld	26,300	24,500	2,310	565,000	500	1,100	5,500	25,000	2,280	570,500
Northeast	46,700	42,000	2,190	920,000	2,000	900	18,000	44,000	2,130	938,000

Dry Beans: Acreage and production by county and district, Colorado, 1999, continued

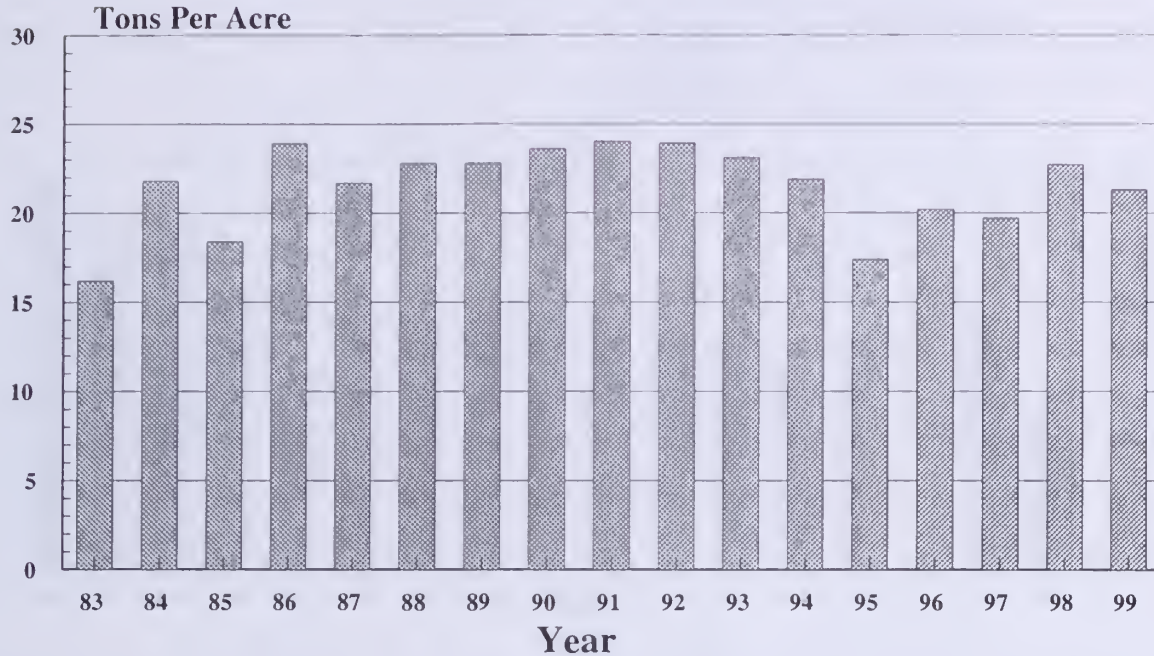
County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
Adams . . . . .	...	...	...	...	...	...	...	...	...	...
Arapahoe . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne . . .	1,100	1,000	2,500	25,000	...	...	...	1,000	2,500	25,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . .	...	...	...	...	...	...	...	...	...	...
Elbert . . . . .	...	...	...	...	...	...	...	...	...	...
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson . .	12,500	11,000	2,320	255,000	500	700	3,500	11,500	2,250	258,500
Lincoln . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	7,700	7,200	1,810	130,000	...	...	...	7,200	1,810	130,000
Washington . .	4,500	4,300	2,090	90,000	...	...	...	4,300	2,090	90,000
Yuma	24,200	23,000	2,300	530,000	...	...	...	23,000	2,300	530,000
East Central	50,000	46,500	2,220	1,030,000	500	700	3,500	47,000	2,200	1,033,500
Archuleta . . .	...	...	...	...	...	...	...	...	...	...
Delta	3,400	3,200	2,410	77,000	...	...	...	3,200	2,410	77,000
Dolores	28,300	7,200	1,900	137,000	18,800	740	138,500	26,000	1,060	275,500
Garfield . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	600	...	...	...	500	700	3,500	500	700	3,500
Mesa	2,000	1,800	2,280	41,000	...	...	...	1,800	2,280	41,000
Montezuma . .	6,000	1,300	1,920	25,000	4,200	500	21,000	5,500	840	46,000
Montrose . . .	11,700	11,000	2,270	250,000	...	...	...	11,000	2,270	250,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . .	...	...	...	...	...	...	...	...	...	...
Southwest	52,000	24,500	2,160	530,000	23,500	690	163,000	48,000	1,440	693,000
Alamosa . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . .	...	...	...	...	...	...	...	...	...	...
Saguache . . .	...	...	...	...	...	...	...	...	...	...
San Luis Valley	...	...	...	...	...	...	...	...	...	...
Baca . . . . .	...	...	...	...	...	...	...	...	...	...
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . .	...	...	...	...	...	...	...	...	...	...
Otero	1,200	1,200	2,250	27,000	...	...	...	1,200	2,250	27,000
Prowers . . . . .	...	...	...	...	...	...	...	...	...	...
Pueblo	5,100	1,800	2,940	53,000	3,000	350	10,500	4,800	1,320	63,500
Southeast	6,300	3,000	2,670	80,000	3,000	350	10,500	6,000	1,510	90,500
State Total	155,000	116,000	2,210	2,560,000	29,000	670	195,000	145,000	1,900	2,755,000

Dry Beans: Acreage, yield and production by class, Colorado, 1994-99

Year	Acreage planted	Acreage harvested	Yield per acre	Production
	Acres	Acres	Pounds	Hundredweight
Navy				
1994	2,000	2,000	1,800	36,000
1995	800	800	1,750	14,000
1996	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
1997	200	200	1,500	3,000
1998	600	600	1,500	9,000
1999	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Light Red Kidney				
1994	8,700	8,500	1,810	154,000
1995	14,500	13,500	1,950	263,000
1996	8,700	8,200	1,390	114,000
1997	12,200	11,200	2,210	248,000
1998	10,000	9,400	1,810	170,000
1999	15,000	12,500	1,760	220,000
Great Northern				
1994	900	900	1,560	14,000
1995	4,000	4,000	1,600	64,000
1996	1,300	1,300	1,620	21,000
1997	300	300	1,670	5,000
1998	200	200	1,500	3,000
1999	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Pinto				
1994	191,200	181,500	1,600	2,912,000
1995	164,500	140,700	1,530	2,158,000
1996	134,700	115,200	1,830	2,112,000
1997	119,000	105,500	1,890	1,991,000
1998	152,000	138,000	1,900	2,617,000
1999	125,000	118,500	1,890	2,235,000
Black Turtle Soup				
1994	600	600	1,670	10,000
1995	1,000	1,000	1,900	19,000
1996	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
1997	2,000	1,600	500	8,000
1998	700	500	1,800	9,000
1999	1,200	1,000	2,000	20,000
Other				
1994	1,600	1,500	930	14,000
1995	5,200	5,000	800	40,000
1996	300	300	1,000	3,000
1997	1,300	1,200	2,080	25,000
1998	6,500	6,300	950	60,000
1999	13,800	13,000	2,150	280,000
Total				
1994	205,000	195,000	1,610	3,140,000
1995	190,000	165,000	1,550	2,558,000
1996	145,000	125,000	1,800	2,250,000
1997	135,000	120,000	1,900	2,280,000
1998	170,000	155,000	1,850	2,868,000
1999	155,000	145,000	1,900	2,755,000

1/ Not estimated.

Sugar Beets: Yield Per Acre, Colorado, 1983-99 (Tons Per Acre)

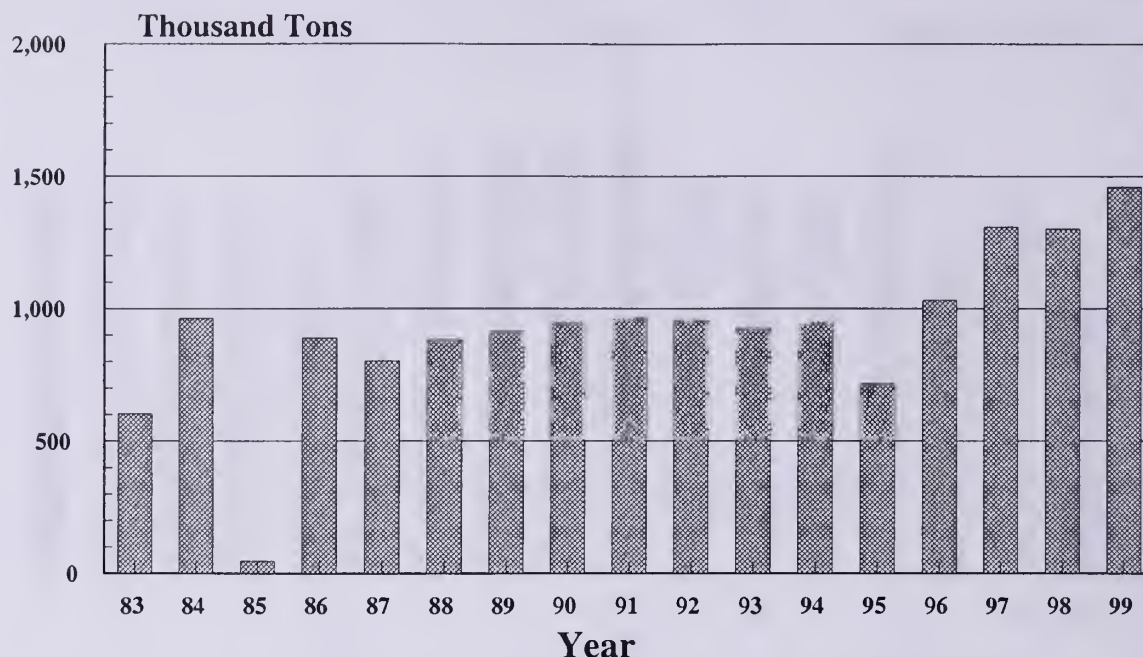


Sugarbeets: Acreage and production by county and district, Colorado, 1994-1995 ^{1/}

County and District	1994				1995			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Tons	Tons	Acres	Acres	Tons	Tons
Boulder	760	760	20.4	15,500	700	700	17.1	12,000
Jefferson .....	...	...	...	...	...	...	...	...
Larimer	2,520	2,490	19.8	49,300	2,360	2,360	17.2	40,600
Logan	4,700	4,690	23.8	111,600	5,300	5,070	15.7	79,700
Morgan	11,290	11,030	23.0	253,700	10,600	9,560	16.1	153,500
Sedgwick	160	160	24.4	3,900	...	...	...	...
Weld	23,300	22,680	21.2	480,700	22,050	21,600	18.5	401,300
Northeast	42,730	41,810	21.9	914,700	41,010	39,350	17.5	687,100
Adams	1,040	1,040	22.4	23,300	1,270	1,250	15.8	19,800
Arapahoe .....	...	...	...	...	...	...	...	...
Cheyenne .....	...	...	...	...	...	...	...	...
Denver .....	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...
Elbert .....	...	...	...	...	...	...	...	...
El Paso .....	...	...	...	...	...	...	...	...
Kiowa .....	...	...	...	...	...	...	...	...
Kit Carson .....	...	...	...	...	...	...	...	...
Lincoln .....	...	...	...	...	...	...	...	...
Phillips	180	...	...	...	150	150	16.0	2,400
Washington	350	350	22.9	8,000	370	350	16.3	5,700
Yuma .....	...	...	...	...	...	...	...	...
East Central	1,570	1,390	22.5	31,300	1,790	1,750	15.9	27,900
State Total	44,300	43,200	21.9	946,000	42,800	41,100	17.4	715,000

^{1/} Data shown only for producing districts.

Sugar Beets: Production, Colorado, 1983-99 (000 Tons)



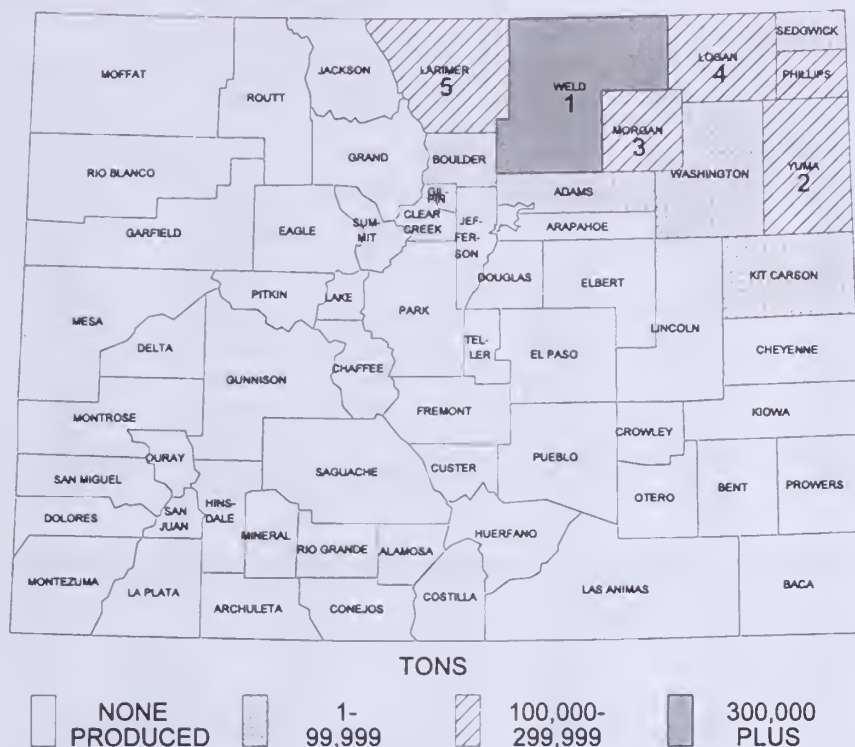
Note: Because of contract disputes in 1985, only 2,500 acres were harvested, resulting in the minimal production.

Sugarbeets: Acreage and production by county and district, Colorado, 1996-1997 ^{1/}

County and District	1996				1997			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Tons	Tons	Acres	Acres	Tons	Tons
Boulder	1,200	1,200	17.3	20,700	1,150	1,150	20.3	23,400
Jefferson .....	...	...	...	...	...	...	...	...
Larimer	3,310	3,070	20.3	62,300	4,680	4,670	21.1	98,700
Logan	7,170	6,440	20.7	133,000	7,780	7,520	15.7	118,100
Morgan	13,170	12,390	20.1	249,000	11,270	10,900	17.2	187,300
Sedgwick	60	60	20.0	1,200	2,180	2,120	19.1	40,500
Weld	24,470	22,860	19.9	456,000	26,620	25,840	20.9	538,900
Northeast	49,380	46,020	20.0	922,200	53,680	52,200	19.3	1,006,900
Adams	1,500	1,430	19.1	27,300	1,690	1,690	20.2	34,200
Arapahoe .....	...	...	...	...	...	...	...	...
Cheyenne .....	...	...	...	...	...	...	...	...
Denver .....	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...
Elbert .....	...	...	...	...	...	...	...	...
El Paso .....	...	...	...	...	...	...	...	...
Kiowa .....	...	...	...	...	...	...	...	...
Kit Carson .....	...	...	...	...	...	...	...	...
Lincoln .....	...	...	...	...	...	...	...	...
Phillips	2,060	2,000	22.7	45,400	5,320	5,320	22.1	117,400
Washington	560	520	24.2	12,600	1,810	1,790	19.6	35,100
Yuma	1,300	1,130	21.7	24,500	5,400	5,400	21.2	114,400
East Central	5,420	5,080	21.6	109,800	14,220	14,200	21.2	301,100
State Total	54,800	51,100	20.2	1,032,000	67,900	66,400	19.7	1,308,000

^{1/} Data shown only for producing districts.

Sugarbeets: Production by County, Colorado, 1999 with Ranking of First Five Counties



Sugarbeets: Acreage and production by county and district, Colorado, 1998-1999 ^{1/}

County and District	1998				1999			
	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Acreage Planted	Acreage Harvested	Yield Per Acre	Production
	Acres	Acres	Tons	Tons	Acres	Acres	Tons	Tons
Boulder	1,250	1,250	18.0	22,500	1,460	1,390	17.1	23,800
Jefferson .....	...	...	...	...	...	...	...	...
Larimer	4,770	4,650	22.9	106,700	5,820	5,630	20.5	115,300
Logan	6,390	6,180	19.9	123,100	7,610	7,140	20.2	143,900
Morgan	6,980	5,850	20.9	122,500	8,340	7,470	20.1	150,200
Sedgwick	2,620	2,550	20.9	53,400	3,240	3,220	21.1	67,800
Weld	24,260	22,820	25.0	569,500	28,430	26,700	21.6	577,000
Northeast	46,270	43,300	23.0	997,700	54,900	51,550	20.9	1,078,000
Adams	1,430	1,300	22.9	29,800	1,490	1,480	18.9	28,000
Arapahoe .....	...	...	...	...	...	...	...	...
Cheyenne .....	...	...	...	...	...	...	...	...
Denver .....	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...
Elbert .....	...	...	...	...	...	...	...	...
El Paso .....	...	...	...	...	...	...	...	...
Kiowa .....	...	...	...	...	...	...	...	...
Kit Carson .....	...	...	...	...	120	60	21.7	1,300
Lincoln .....	...	...	...	...	...	...	...	...
Phillips	5,480	4,920	22.3	109,800	4,820	4,700	21.5	100,900
Washington	1,910	1,880	20.3	38,200	2,690	2,670	22.7	60,500
Yuma	7,410	5,900	21.3	125,500	8,080	8,040	23.7	190,300
East Central	16,230	14,000	21.7	303,300	17,200	16,950	22.5	381,000
State Total	62,500	57,300	22.7	1,301,000	72,100	68,500	21.3	1,459,000

^{1/} Data shown only for producing districts.

Potatoes: Acreage and production by county, Colorado, 1994-1995

County	1994				1995			
	Acreage		Yield per acre	Production	Acreage		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Cwt	1,000 Cwt	Acres		Cwt	1,000 Cwt
Alamosa	26,600	26,500	365	9,625	26,100	26,100	310	8,090
Conejos	1,800	1,800	340	610	1,300	1,300	270	353
Costilla	3,400	3,400	340	1,155	4,200	4,200	315	1,315
Morgan	1,300	1,300	280	365	1,200	1,200	250	300
Rio Grande	25,700	25,600	345	8,830	28,500	28,400	305	8,600
Saguache	16,500	16,400	340	5,575	16,900	16,800	325	5,450
Weld	3,500	3,500	310	1,090	3,400	3,300	270	890
Yuma	3,600	3,400	380	1,295	3,700	3,600	365	1,311
Other counties ...	1,100	1,100	290	320	1,000	1,000	275	275
State Total	83,500	83,000	348	28,864	86,300	85,900	309	26,584

Potatoes: Acreage and production by county, Colorado, 1996-1997

County	1996				1997			
	Acreage		Yield per acre	Production	Acreage		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Cwt	1,000 Cwt	Acres		Cwt	1,000 Cwt
Alamosa	29,000	29,000	365	10,585	28,400	28,300	310	8,775
Conejos	1,500	1,500	380	570	1,900	1,900	275	523
Costilla	4,900	4,900	375	1,840	4,300	4,300	340	1,460
Morgan	1,300	1,300	355	464	1,200	1,200	345	414
Rio Grande	25,400	25,300	375	9,490	24,200	24,200	350	8,410
Saguache	17,200	17,100	390	6,690	18,200	18,200	320	5,825
Weld	4,000	3,900	345	1,326	3,600	3,500	315	1,098
Yuma	3,300	3,200	360	1,150	1,900	1,800	410	735
Other counties ...	1,400	1,400	315	441	1,100	1,100	305	337
State Total	88,000	87,600	372	32,556	84,800	84,500	326	27,577

Potatoes: Acreage and production by county, Colorado, 1998-1999

County	1998				1999			
	Acreage		Yield per acre	Production	Acreage		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Cwt	1,000 Cwt	Acres		Cwt	1,000 Cwt
Alamosa	28,200	28,200	350	9,840	26,500	26,300	345	9,105
Conejos	1,700	1,700	295	500	1,100	1,000	280	282
Costilla	4,900	4,800	365	1,750	4,900	4,900	350	1,720
Morgan	1,300	1,300	350	455	1,500	1,500	310	465
Rio Grande	23,000	23,000	325	7,450	24,400	24,400	320	7,835
Saguache	18,000	18,000	325	5,820	20,300	20,300	335	6,820
Weld	3,600	3,500	330	1,155	3,500	3,300	295	975
Yuma	1,800	1,700	395	675	1,800	1,800	365	655
Other counties ...	1,000	1,000	340	340	800	800	340	273
State Total	83,500	83,200	336	27,985	84,800	84,300	334	28,130

Potatoes: Production and disposition by seasonal group, Colorado, 1979-98

Year	Summer Crop					Fall Crop				
	Production	Farm Disposition				Production	Farm Disposition			
		Seed feed & home use	Shrinkage & loss	Sold			Seed feed & home use	Shrinkage & loss	Sold	
				Quantity	% of Production				Quantity	% of Production
	1,000 Cwt		1,000 Cwt		Percent	1,000 Cwt		1,000 Cwt		Percent
1979	1,898	10	142	1,746	92	11,455	580	916	9,959	87
1980	1,595	10	80	1,505	94	10,950	690	830	9,430	86
1981	1,904	3	115	1,786	94	11,600	660	940	10,000	86
1982	1,794	14	100	1,680	94	12,825	618	1,057	11,150	91
1983	1,870	9	131	1,730	93	13,950	770	1,100	12,080	87
1984	1,988	3	120	1,865	94	17,225	730	1,690	14,805	86
1985	2,220	4	31	2,185	98	17,920	836	2,873	14,211	79
1986	2,070	4	110	1,956	94	18,810	930	1,605	16,275	87
1987	1,859	3	91	1,765	95	19,500	920	1,870	16,710	86
1988	1,861	11	73	1,777	95	19,040	996	1,430	16,614	87
1989	2,144	4	90	2,050	96	20,603	1,067	1,550	17,986	87
1990	2,124	3	125	1,996	94	22,750	1,140	2,685	18,925	83
1991	2,036	6	104	1,926	95	23,800	1,295	2,492	20,013	84
1992	2,010	5	110	1,895	94	22,110	1,310	1,825	18,975	86
1993	2,542	5	100	2,437	96	25,270	1,200	2,040	22,030	87
1994	3,069	6	174	2,889	94	25,795	1,210	2,040	22,545	87
1995	2,776	5	129	2,642	95	23,808	1,285	2,048	20,475	86
1996	3,381	5	206	3,170	94	29,175	1,485	3,975	23,715	81
1997	2,584	5	143	2,436	94	24,993	1,340	2,773	20,880	84
1998	2,625	8	125	2,492	95	25,360	1,930	2,615	21,130	83

Fall Potatoes: Production and stocks, Colorado, 1981-2000 1/

	Production	Stocks and percent of production held by growers and commercial storages													
		December 1		January 1		February 1		March 1		April 1		May 1		June 1	
		Stocks	Pct.	Stocks	Pct.	Stocks	Pct.	Stocks	Pct.	Stocks	Pct.	Stocks	Pct.	Stocks	Pct.
	1,000 Cwt	1,000 Cwt	%	1,000 Cwt	%	1,000 Cwt	%	1,000 Cwt	%	1,000 Cwt	%	1,000 Cwt	%	1,000 Cwt	%
1981-82	11,600	8,350	72	7,100	61	5,650	49	4,450	38	3,100	27	1,900	16	...	...
1982-83	12,825	9,550	74	8,250	64	6,750	53	5,500	43	4,000	31	2,750	21	...	...
1983-84	13,950	10,500	75	9,000	65	7,100	51	5,700	41	4,200	30	2,550	18	...	...
1984-85	17,225	12,700	74	10,950	64	8,900	52	7,150	42	5,400	31	3,350	19	...	...
1985-86	17,920	14,600	81	12,900	72	11,000	61	9,350	52	7,550	42	5,350	30	...	...
1986-87	18,810	13,600	72	11,750	62	9,750	52	8,200	44	6,300	33	4,250	23	...	...
1987-88	19,500	15,600	80	13,800	71	11,800	61	10,200	52	8,100	42	5,900	30	...	...
1988-89	19,040	14,700	77	12,950	68	11,200	59	9,450	50	7,400	39	5,500	29	...	...
1989-90	20,603	15,650	76	13,750	67	11,700	57	9,850	48	7,600	37	5,600	27	...	...
1990-91	22,750	16,550	73	14,400	63	11,800	52	9,950	44	7,700	34	5,650	25	...	...
1991-92	23,800	17,850	75	15,600	66	13,150	55	11,250	47	8,750	37	6,150	26	...	...
1992-93	22,110	17,700	80	15,500	70	13,600	62	11,800	53	9,400	43	6,900	31	...	...
1993-94	25,270	18,250	72	15,800	63	13,300	53	10,900	43	8,350	33	6,100	24	...	...
1994-95	25,795	18,900	73	16,300	63	13,700	53	11,300	44	8,500	33	6,100	24	...	...
1995-96	23,808	18,200	76	16,100	68	13,400	56	11,200	47	9,100	38	6,200	26	...	...
1996-97	29,175	23,100	79	20,700	71	18,100	62	15,500	53	12,900	44	9,900	34	...	...
1997-98	24,993	19,400	78	17,000	68	14,700	59	12,800	51	10,500	42	7,700	31	...	...
1998-99	25,360	19,000	75	16,500	65	14,200	56	12,000	47	9,300	37	6,600	26	2,900	11
1999-2000 . .	25,762	19,500	76	17,300	67	15,100	59	12,900	50	10,100	39	7,400	29	3,700	14

1/ June 1 stocks estimates were begun with the 1998 crop.

All Hay: Harvested Acres, Colorado, 1983-99 (000 Acres)



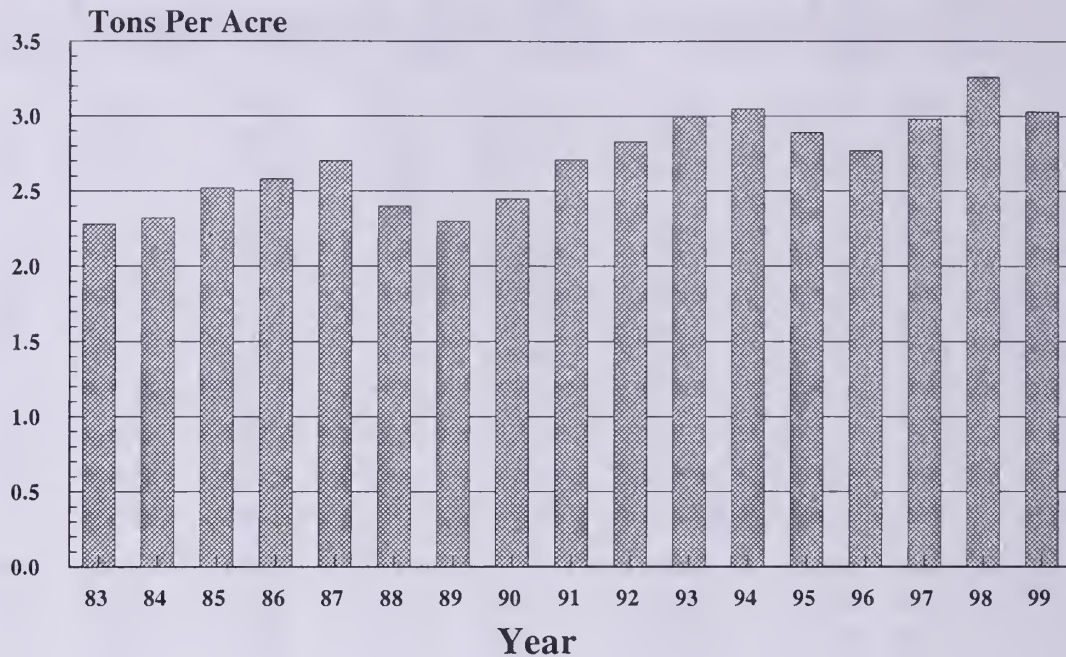
All Hay: Acreage and production by county and district, Colorado, 1994

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	9,800	2.30	22,500	400	1.00	400	10,200	2.25	22,900
Clear Creek ..	200	2.00	400	...	...	...	200	2.00	400
Eagle	13,200	1.75	23,000	800	0.90	700	14,000	1.70	23,700
Gilpin .....	...	...	...	...	...	...	...	...	...
Grand	27,400	1.30	36,100	600	0.85	500	28,000	1.30	36,600
Gunnison ...	23,500	1.45	34,100	...	...	...	23,500	1.45	34,100
Jackson	71,000	1.15	82,600	5,000	1.00	5,000	76,000	1.15	87,600
Lake	600	1.35	800	...	...	...	600	1.35	800
Moffat	11,300	1.95	22,200	13,200	1.20	15,700	24,500	1.55	37,900
Park	2,500	1.05	2,600	1,500	1.00	1,500	4,000	1.00	4,100
Pitkin	7,000	1.95	13,700	...	...	...	7,000	1.95	13,700
Rio Blanco ..	17,000	2.25	38,400	2,500	1.30	3,200	19,500	2.15	41,600
Routt	23,000	1.80	41,900	10,500	1.30	13,400	33,500	1.65	55,300
Summit	3,000	1.05	3,200	...	...	...	3,000	1.05	3,200
Teller	500	1.00	500	500	1.20	600	1,000	1.10	1,100
NW & Mountain	210,000	1.55	322,000	35,000	1.15	41,000	245,000	1.50	363,000
Boulder	14,400	3.45	49,800	2,100	2.50	5,300	16,500	3.35	55,100
Jefferson	1,700	4.25	7,200	1,800	1.15	2,100	3,500	2.65	9,300
Larimer	20,500	4.35	89,000	3,000	1.35	4,100	23,500	3.95	93,100
Logan	31,500	4.55	144,000	13,000	1.30	16,600	44,500	3.60	160,600
Morgan	17,800	5.40	96,000	4,700	1.25	5,900	22,500	4.55	101,900
Sedgwick ...	6,100	4.95	30,300	400	2.00	800	6,500	4.80	31,100
Weld	80,000	5.10	408,700	8,000	1.85	14,700	88,000	4.80	423,400
Northeast	172,000	4.80	825,000	33,000	1.50	49,500	205,000	4.25	874,500

All Hay: Acreage and production by county and district, Colorado, 1994, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	7,200	4.35	31,200	3,300	1.80	6,000	10,500	3.55	37,200
Arapahoe ...	2,100	4.30	9,000	2,200	1.05	2,300	4,300	2.65	11,300
Cheyenne ...	2,000	5.05	10,100	5,500	1.90	10,500	7,500	2.75	20,600
Denver .....	...	...	...	...	...	...	...	...	...
Douglas	4,900	3.45	16,800	5,300	1.10	5,700	10,200	2.20	22,500
Elbert	11,800	4.35	51,600	22,000	1.05	23,600	33,800	2.20	75,200
El Paso	7,400	3.50	26,000	12,100	0.95	11,600	19,500	1.95	37,600
Kiowa	1,100	4.35	4,800	3,900	1.70	6,700	5,000	2.30	11,500
Kit Carson ..	7,800	5.35	41,700	6,700	2.10	14,000	14,500	3.85	55,700
Lincoln	3,300	4.05	13,400	11,200	1.20	13,500	14,500	1.85	26,900
Phillips	2,400	4.90	11,700	1,800	1.15	2,100	4,200	3.30	13,800
Washington ..	8,100	4.35	35,200	14,900	1.35	19,800	23,000	2.40	55,000
Yuma	15,900	5.60	89,000	4,100	1.65	6,700	20,000	4.80	95,700
East Central	74,000	4.60	340,500	93,000	1.30	122,500	167,000	2.75	463,000
Archuleta ...	4,800	2.20	10,500	2,700	1.70	4,600	7,500	2.00	15,100
Delta	27,300	2.90	79,600	700	1.70	1,200	28,000	2.90	80,800
Dolores	5,300	4.85	25,700	5,700	1.20	6,800	11,000	2.95	32,500
Garfield	32,900	2.55	83,700	1,300	1.15	1,500	34,200	2.50	85,200
Hinsdale	800	1.40	1,100	...	...	...	800	1.40	1,100
La Plata	28,500	2.85	80,800	2,500	1.40	3,500	31,000	2.70	84,300
Mesa	39,700	3.45	136,200	800	1.50	1,200	40,500	3.40	137,400
Montezuma ..	41,200	3.95	163,600	9,300	1.20	11,300	50,500	3.45	174,900
Montrose ...	43,000	3.65	156,200	1,000	1.60	1,600	44,000	3.60	157,800
Ouray	9,700	2.55	24,600	300	1.35	400	10,000	2.50	25,000
San Juan .....	...	...	...	...	...	...	...	...	...
San Miguel ..	6,800	2.20	15,000	700	1.30	900	7,500	2.10	15,900
Southwest	240,000	3.25	777,000	25,000	1.30	33,000	265,000	3.05	810,000
Alamosa	35,600	2.85	101,800	400	1.50	600	36,000	2.85	102,400
Conejos	69,000	2.90	199,000	1,000	1.60	1,600	70,000	2.85	200,600
Costilla	16,800	3.40	57,500	200	2.00	400	17,000	3.40	57,900
Mineral	300	1.00	300	...	...	...	300	1.00	300
Rio Grande ..	34,200	3.40	115,500	300	1.65	500	34,500	3.35	116,000
Saguache ...	46,100	2.95	135,400	1,100	1.75	1,900	47,200	2.90	137,300
San Luis Valley	202,000	3.00	609,500	3,000	1.65	5,000	205,000	3.00	614,500
Baca	3,800	5.15	19,600	7,700	1.75	13,400	11,500	2.85	33,000
Bent	37,900	4.25	160,300	600	1.35	800	38,500	4.20	161,100
Crowley	7,800	4.15	32,300	1,700	2.20	3,700	9,500	3.80	36,000
Custer	11,700	2.40	27,800	800	1.75	1,400	12,500	2.35	29,200
Fremont	8,500	2.95	25,200	200	1.50	300	8,700	2.95	25,500
Huerfano	17,300	3.20	55,500	1,200	1.65	2,000	18,500	3.10	57,500
Las Animas ..	21,600	2.95	64,000	4,200	1.20	5,100	25,800	2.70	69,100
Otero	27,700	4.55	125,400	300	1.65	500	28,000	4.50	125,900
Prowers	72,700	4.60	336,000	1,800	1.50	2,700	74,500	4.55	338,700
Pueblo	14,000	4.05	56,900	1,500	1.40	2,100	15,500	3.80	59,000
Southeast	223,000	4.05	903,000	20,000	1.60	32,000	243,000	3.85	935,000
State Total	1,121,000	3.35	3,777,000	209,000	1.35	283,000	1,330,000	3.05	4,060,000

All Hay: Yield Per Acre, Colorado, 1983-99 (Tons Per Acre)



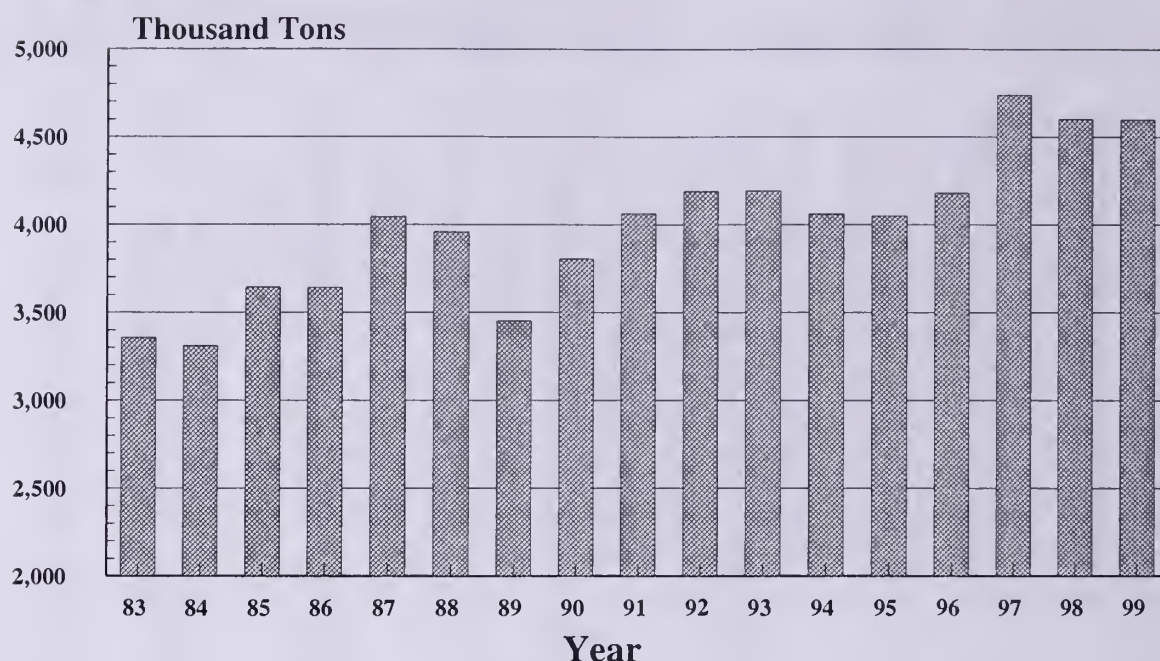
All Hay: Acreage and production by county and district, Colorado, 1995

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	10,000	2.25	22,600	500	0.60	300	10,500	2.20	22,900
Clear Creek . .	...	...	...	...	...	...	...	...	...
Eagle	11,200	2.05	23,200	700	1.70	1,200	11,900	2.05	24,400
Gilpin . . . . .	...	...	...	...	...	...	...	...	...
Grand	28,500	1.40	39,700	1,800	1.00	1,800	30,300	1.35	41,500
Gunnison . . .	20,100	1.50	29,700	...	...	...	20,100	1.50	29,700
Jackson	63,500	1.45	91,900	2,200	0.65	1,400	65,700	1.40	93,300
Lake	400	1.75	700	...	...	...	400	1.75	700
Moffat	11,900	2.40	28,500	12,200	1.35	16,500	24,100	1.85	45,000
Park	4,100	1.00	4,000	1,600	0.90	1,400	5,700	0.95	5,400
Pitkin	7,000	2.20	15,500	...	...	...	7,000	2.20	15,500
Rio Blanco . .	18,200	2.75	50,000	2,800	1.45	4,100	21,000	2.60	54,100
Routt	23,400	2.30	54,200	9,900	1.65	16,500	33,300	2.10	70,700
Summit	3,500	1.45	5,000	...	...	...	3,500	1.45	5,000
Teller	1,200	1.65	2,000	300	1.00	300	1,500	1.55	2,300
NW & Mountain	203,000	1.80	367,000	32,000	1.35	43,500	235,000	1.75	410,500
Boulder	14,600	3.35	48,700	1,900	2.75	5,200	16,500	3.25	53,900
Jefferson . . .	1,500	3.55	5,300	2,000	1.20	2,400	3,500	2.20	7,700
Larimer	24,000	3.45	82,500	2,500	2.30	5,800	26,500	3.35	88,300
Logan	39,800	4.15	165,000	13,200	1.35	18,100	53,000	3.45	183,100
Morgan	22,000	4.55	99,600	4,500	1.40	6,200	26,500	4.00	105,800
Sedgwick . . .	7,200	4.70	33,900	800	1.40	1,100	8,000	4.40	35,000
Weld	96,900	4.30	419,000	9,100	1.65	15,200	106,000	4.10	434,200
Northeast	206,000	4.15	854,000	34,000	1.60	54,000	240,000	3.80	908,000

All Hay: Acreage and production by county and district, Colorado, 1995, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	8,700	4.20	36,700	4,300	1.70	7,300	13,000	3.40	44,000
Arapahoe . . .	2,100	3.35	7,000	4,900	1.10	5,500	7,000	1.80	12,500
Cheyenne . . .	2,700	3.90	10,500	6,300	1.30	8,100	9,000	2.05	18,600
Denver . . . . .	...	...	...	...	...	...	...	...	...
Douglas	4,700	2.70	12,700	6,300	1.05	6,500	11,000	1.75	19,200
Elbert	13,200	3.50	46,000	25,800	1.30	34,000	39,000	2.05	80,000
El Paso	8,100	2.95	23,700	10,400	1.10	11,300	18,500	1.90	35,000
Kiowa	500	4.00	2,000	5,000	1.00	5,000	5,500	1.25	7,000
Kit Carson . .	8,800	4.45	39,300	9,200	1.75	16,100	18,000	3.10	55,400
Lincoln	3,700	2.85	10,600	13,300	1.30	17,300	17,000	1.65	27,900
Phillips	2,300	4.80	11,000	2,700	1.35	3,600	5,000	2.90	14,600
Washington . .	9,400	3.95	37,200	18,600	1.50	28,300	28,000	2.35	65,500
Yuma	18,800	5.40	101,300	5,200	1.75	9,000	24,000	4.60	110,300
East Central	83,000	4.05	338,000	112,000	1.35	152,000	195,000	2.50	490,000
Archuleta . . .	4,900	2.45	12,000	2,600	1.55	4,000	7,500	2.15	16,000
Delta	28,100	3.20	89,500	400	1.25	500	28,500	3.15	90,000
Dolores	5,200	4.40	23,000	4,800	1.30	6,300	10,000	2.95	29,300
Garfield	33,800	2.60	87,500	1,200	1.90	2,300	35,000	2.55	89,800
Hinsdale	1,000	2.50	2,500	...	...	...	1,000	2.50	2,500
La Plata	33,100	2.95	97,000	2,900	1.50	4,400	36,000	2.80	101,400
Mesa	38,000	3.50	133,500	1,000	1.90	1,900	39,000	3.45	135,400
Montezuma . . .	42,700	4.05	172,000	10,300	1.25	12,900	53,000	3.50	184,900
Montrose	38,000	3.15	119,000	500	1.80	900	38,500	3.10	119,900
Ouray	10,000	2.40	23,900	...	...	...	10,000	2.40	23,900
San Juan . . . .	...	...	...	...	...	...	...	...	...
San Miguel . .	6,200	2.10	13,100	300	1.00	300	6,500	2.05	13,400
Southwest	241,000	3.20	773,000	24,000	1.40	33,500	265,000	3.05	806,500
Alamosa	40,000	2.85	113,000	...	...	...	40,000	2.85	113,000
Conejos	69,500	2.75	189,500	500	1.00	500	70,000	2.70	190,000
Costilla	18,000	2.85	51,000	...	...	...	18,000	2.85	51,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...
Rio Grande . .	34,000	3.10	105,500	...	...	...	34,000	3.10	105,500
Saguache	47,500	2.40	115,000	500	1.00	500	48,000	2.40	115,500
San Luis Valley	209,000	2.75	574,000	1,000	1.00	1,000	210,000	2.75	575,000
Baca	3,200	3.90	12,500	6,800	1.25	8,600	10,000	2.10	21,100
Bent	45,000	3.15	142,500	...	...	...	45,000	3.15	142,500
Crowley	8,300	4.00	33,000	2,200	1.30	2,900	10,500	3.40	35,900
Custer	11,300	2.10	24,000	1,200	1.75	2,100	12,500	2.10	26,100
Fremont	9,000	2.95	26,500	500	2.40	1,200	9,500	2.90	27,700
Huerfano	17,900	3.25	58,000	1,600	1.15	1,800	19,500	3.05	59,800
Las Animas . . .	21,200	3.00	63,500	6,300	1.40	8,800	27,500	2.65	72,300
Otero	28,500	4.50	128,000	500	1.60	800	29,000	4.45	128,800
Prowers	74,500	3.90	289,500	1,500	1.40	2,100	76,000	3.85	291,600
Pueblo	13,100	3.95	51,500	2,400	1.15	2,700	15,500	3.50	54,200
Southeast	232,000	3.55	829,000	23,000	1.35	31,000	255,000	3.35	860,000
State Total	1,174,000	3.20	3,735,000	226,000	1.40	315,000	1,400,000	2.89	4,050,000

All Hay: Production, Colorado, 1983-99 (000 Tons)



All Hay: Acreage and production by county and district, Colorado, 1996

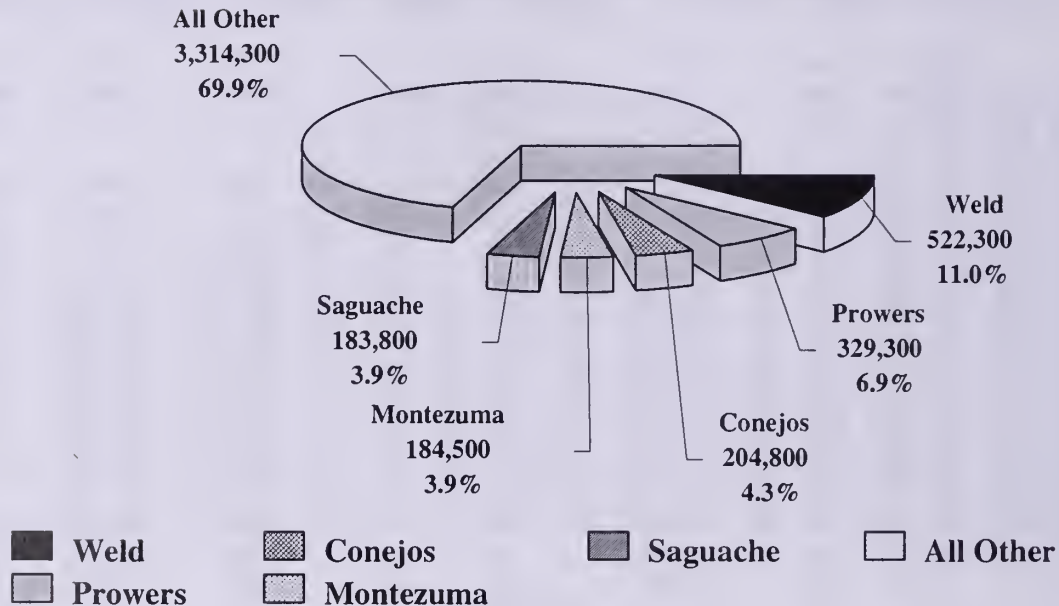
County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	13,000	2.05	26,500	500	0.60	300	13,500	2.00	26,800
Clear Creek . .	...	...	...	...	...	...	...	...	...
Eagle	13,500	1.40	18,600	500	1.20	600	14,000	1.35	19,200
Gilpin . . . . .	...	...	...	...	...	...	...	...	...
Grand	32,500	1.50	49,300	3,000	1.15	3,500	35,500	1.50	52,800
Gunnison . . .	26,500	1.25	33,600	...	...	...	26,500	1.25	33,600
Jackson	76,500	1.40	106,000	3,500	1.00	3,500	80,000	1.35	109,500
Lake	500	1.00	500	...	...	...	500	1.00	500
Moffat	15,000	2.40	36,000	12,000	0.80	9,500	27,000	1.70	45,500
Park	6,500	1.15	7,500	1,500	0.60	900	8,000	1.05	8,400
Pitkin	6,500	1.30	8,500	...	...	...	6,500	1.30	8,500
Rio Blanco . .	27,900	2.50	69,500	2,100	1.40	2,900	30,000	2.40	72,400
Routt	34,100	2.00	68,000	10,900	1.15	12,500	45,000	1.80	80,500
Summit	5,500	1.45	8,000	...	...	...	5,500	1.45	8,000
Teller	2,000	1.50	3,000	1,000	1.30	1,300	3,000	1.45	4,300
NW & Mountain	260,000	1.65	435,000	35,000	1.00	35,000	295,000	1.60	470,000
Boulder	19,200	2.75	52,500	1,800	1.35	2,400	21,000	2.60	54,900
Jefferson . . .	1,200	2.90	3,500	2,800	0.80	2,300	4,000	1.45	5,800
Larimer	27,300	3.75	103,000	2,700	1.60	4,300	30,000	3.60	107,300
Logan	43,200	4.75	204,500	11,600	1.30	15,200	54,800	4.00	219,700
Morgan	26,700	4.65	123,500	5,300	1.55	8,100	32,000	4.10	131,600
Sedgwick . . .	8,400	3.80	32,000	800	1.40	1,100	9,200	3.60	33,100
Weld	99,000	4.55	451,000	10,000	1.35	13,600	109,000	4.25	464,600
Northeast	225,000	4.30	970,000	35,000	1.35	47,000	260,000	3.90	1,017,000

All Hay: Acreage and production by county and district, Colorado, 1996, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	8,100	4.00	32,500	4,900	1.45	7,100	13,000	3.05	39,600
Arapahoe ...	2,500	3.80	9,500	7,500	0.90	6,800	10,000	1.65	16,300
Cheyenne ...	3,300	4.70	15,500	8,700	1.90	16,600	12,000	2.70	32,100
Denver .....	...	...	...	...	...	...	...	...	...
Douglas	6,400	3.65	23,200	7,600	0.95	7,300	14,000	2.20	30,500
Elbert	10,000	3.10	30,800	28,000	1.05	30,000	38,000	1.60	60,800
El Paso	8,700	2.85	25,000	15,300	0.90	13,800	24,000	1.60	38,800
Kiowa	1,500	3.35	5,000	7,500	2.45	18,500	9,000	2.60	23,500
Kit Carson ..	8,000	4.50	36,000	10,500	1.75	18,400	18,500	2.95	54,400
Lincoln	4,700	3.00	14,000	18,300	1.20	22,300	23,000	1.60	36,300
Phillips	2,800	5.00	14,000	3,200	1.90	6,100	6,000	3.35	20,100
Washington ..	10,000	4.10	41,000	21,500	1.55	33,600	31,500	2.35	74,600
Yuma	19,000	4.65	88,500	7,000	2.05	14,500	26,000	3.95	103,000
East Central	85,000	3.95	335,000	140,000	1.40	195,000	225,000	2.35	530,000
Archuleta ...	4,300	1.75	7,500	700	1.45	1,000	5,000	1.70	8,500
Delta	36,000	2.70	97,000	500	1.40	700	36,500	2.70	97,700
Dolores	6,300	3.50	22,000	2,500	1.40	3,500	8,800	2.90	25,500
Garfield	39,200	2.50	98,000	800	1.40	1,100	40,000	2.50	99,100
Hinsdale	700	1.45	1,000	...	...	...	700	1.45	1,000
La Plata	31,500	2.15	67,000	1,500	1.95	2,900	33,000	2.10	69,900
Mesa	43,100	3.10	133,500	900	2.10	1,900	44,000	3.10	135,400
Montezuma ..	40,200	4.05	162,000	5,800	1.30	7,600	46,000	3.70	169,600
Montrose ...	39,700	3.40	135,000	300	1.00	300	40,000	3.40	135,300
Ouray	13,500	2.35	32,000	...	...	...	13,500	2.35	32,000
San Juan .....	...	...	...	...	...	...	...	...	...
San Miguel ..	7,500	1.35	10,000	...	...	...	7,500	1.35	10,000
Southwest	262,000	2.90	765,000	13,000	1.45	19,000	275,000	2.85	784,000
Alamosa	35,000	2.55	90,000	...	...	...	35,000	2.55	90,000
Conejos	69,200	2.30	160,000	800	1.50	1,200	70,000	2.30	161,200
Costilla	19,000	3.00	57,000	...	...	...	19,000	3.00	57,000
Mineral .....	...	...	...	...	...	...	...	...	...
Rio Grande ..	31,300	2.95	93,000	700	1.85	1,300	32,000	2.95	94,300
Saguache ...	43,500	2.40	105,000	500	1.00	500	44,000	2.40	105,500
San Luis Valley	198,000	2.55	505,000	2,000	1.50	3,000	200,000	2.55	508,000
Baca	3,900	4.85	19,000	12,100	1.85	22,400	16,000	2.60	41,400
Bent	36,000	3.85	139,000	500	1.00	500	36,500	3.80	139,500
Crowley	8,300	3.85	32,000	3,200	1.55	4,900	11,500	3.20	36,900
Custer	15,400	1.90	29,500	1,600	1.30	2,100	17,000	1.85	31,600
Fremont	9,000	2.90	26,000	1,000	1.50	1,500	10,000	2.75	27,500
Huerfano	15,900	2.35	37,500	2,100	1.35	2,800	18,000	2.25	40,300
Las Animas ..	23,000	3.10	71,500	7,000	1.55	10,700	30,000	2.75	82,200
Otero	25,800	4.50	116,000	200	1.50	300	26,000	4.45	116,300
Prowers	68,800	4.20	289,500	4,200	2.15	9,100	73,000	4.10	298,600
Pueblo	13,900	3.80	53,000	3,100	1.20	3,700	17,000	3.35	56,700
Southeast	220,000	3.70	813,000	35,000	1.65	58,000	255,000	3.40	871,000
State Total	1,250,000	3.05	3,823,000	260,000	1.35	357,000	1,510,000	2.77	4,180,000

All Hay Production - 1997 Crop Top Five Counties, Colorado

Production in Tons and Percent of Total



All Hay: Acreage and production by county and district, Colorado, 1997

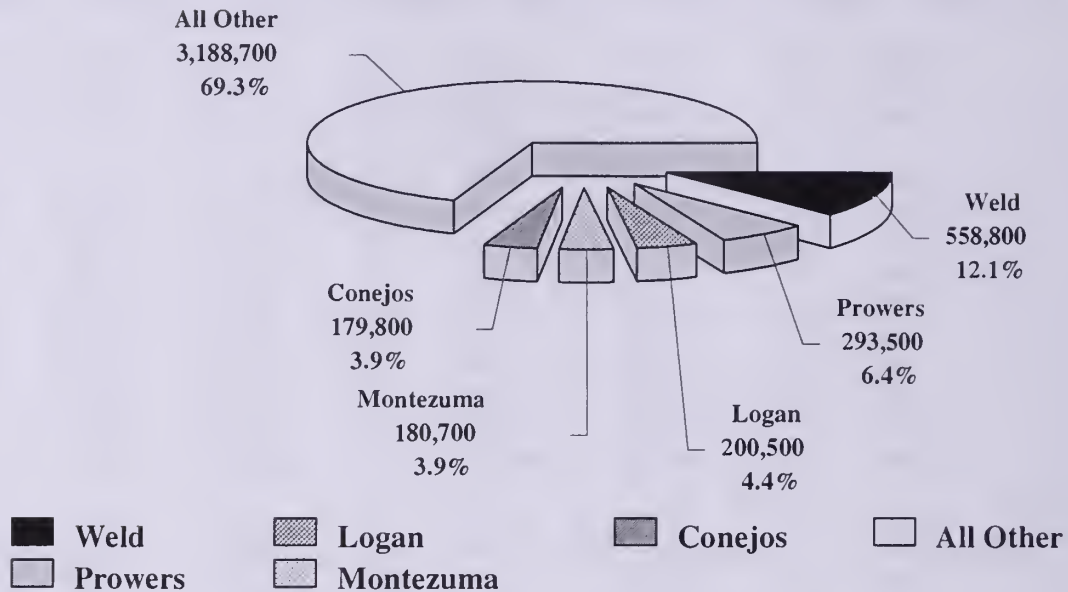
County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	15,300	2.50	38,500	1,200	1.25	1,500	16,500	2.40	40,000
Clear Creek . .	500	2.00	1,000	...	...	...	500	2.00	1,000
Eagle	14,700	2.20	32,500	1,300	1.55	2,000	16,000	2.15	34,500
Gilpin . . . . .	...	...	...	...	...	...	...	...	...
Grand	26,100	1.65	43,000	1,500	1.35	2,000	27,600	1.65	45,000
Gunnison . . .	27,900	1.45	41,100	1,500	1.35	2,000	29,400	1.45	43,100
Jackson	75,000	1.40	105,000	6,000	1.25	7,500	81,000	1.40	112,500
Lake	500	1.00	500	...	...	...	500	1.00	500
Moffat	17,100	2.50	43,000	15,900	1.40	21,900	33,000	1.95	64,900
Park	9,000	1.20	11,000	1,500	1.35	2,000	10,500	1.25	13,000
Pitkin	6,500	1.75	11,400	1,000	1.50	1,500	7,500	1.70	12,900
Rio Blanco . .	21,800	2.65	57,500	3,700	1.60	6,000	25,500	2.50	63,500
Routt	34,600	2.45	85,000	13,400	1.75	23,400	48,000	2.25	108,400
Summit	6,000	1.90	11,500	...	...	...	6,000	1.90	11,500
Teller	2,000	2.00	4,000	1,000	1.20	1,200	3,000	1.75	5,200
NW & Mountain	257,000	1.90	485,000	48,000	1.50	71,000	305,000	1.80	556,000
Boulder	20,500	3.10	64,000	4,000	1.60	6,400	24,500	2.85	70,400
Jefferson . . .	1,700	3.55	6,000	3,000	1.05	3,200	4,700	1.95	9,200
Larimer	35,200	3.65	129,000	5,300	1.15	6,100	40,500	3.35	135,100
Logan	35,000	4.50	157,000	12,500	1.60	19,900	47,500	3.70	176,900
Morgan	27,800	4.80	134,000	5,000	1.50	7,400	32,800	4.30	141,400
Sedgwick . . .	6,800	4.85	33,000	1,200	1.40	1,700	8,000	4.35	34,700
Weld	102,000	4.70	480,000	25,000	1.70	42,300	127,000	4.10	522,300
Northeast	229,000	4.40	1,003,000	56,000	1.55	87,000	285,000	3.80	1,090,000

All Hay: Acreage and production by county and district, Colorado, 1997, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	9,300	4.10	38,000	6,200	1.40	8,700	15,500	3.00	46,700
Arapahoe . . .	3,900	3.20	12,500	8,100	1.75	14,300	12,000	2.25	26,800
Cheyenne . . .	1,600	3.15	5,000	6,400	1.80	11,500	8,000	2.05	16,500
Denver . . . . .	...	...	...	...	...	...	...	...	...
Douglas	4,000	3.00	12,000	8,500	1.35	11,600	12,500	1.90	23,600
Elbert	8,500	3.25	27,500	25,000	1.50	37,100	33,500	1.95	64,600
El Paso	9,000	2.90	26,000	18,000	1.60	29,200	27,000	2.05	55,200
Kiowa	1,500	3.35	5,000	5,000	2.05	10,200	6,500	2.35	15,200
Kit Carson . .	8,500	4.70	40,000	10,500	1.85	19,500	19,000	3.15	59,500
Lincoln	3,300	3.20	10,500	23,700	1.70	40,500	27,000	1.90	51,000
Phillips	1,700	6.20	10,500	2,300	1.50	3,400	4,000	3.50	13,900
Washington . .	10,000	4.80	48,000	21,000	2.00	42,200	31,000	2.90	90,200
Yuma	18,700	5.10	95,000	10,300	2.10	21,800	29,000	4.05	116,800
East Central	80,000	4.15	330,000	145,000	1.70	250,000	225,000	2.60	580,000
Archuleta . . .	4,000	2.95	11,700	1,000	2.20	2,200	5,000	2.80	13,900
Delta	30,500	3.15	96,500	1,500	1.85	2,800	32,000	3.10	99,300
Dolores	7,100	4.50	32,000	4,900	1.65	8,200	12,000	3.35	40,200
Garfield	35,400	2.60	91,500	1,600	1.75	2,800	37,000	2.55	94,300
Hinsdale	500	1.60	800	...	...	...	500	1.60	800
La Plata	29,500	3.20	94,500	4,500	2.40	10,900	34,000	3.10	105,400
Mesa	36,500	3.50	127,000	1,000	2.20	2,200	37,500	3.45	129,200
Montezuma . .	43,300	4.00	174,000	6,700	1.55	10,500	50,000	3.70	184,500
Montrose . . .	35,000	3.45	121,500	1,500	2.15	3,200	36,500	3.40	124,700
Ouray	9,000	2.65	24,000	1,000	1.70	1,700	10,000	2.55	25,700
San Juan . . . .	...	...	...	...	...	...	...	...	...
San Miguel . .	5,200	3.15	16,500	300	1.65	500	5,500	3.10	17,000
Southwest	236,000	3.35	790,000	24,000	1.90	45,000	260,000	3.20	835,000
Alamosa	39,600	2.80	111,000	400	1.50	600	40,000	2.80	111,600
Conejos	81,000	2.50	202,000	2,000	1.40	2,800	83,000	2.45	204,800
Costilla	22,100	3.40	75,500	400	1.50	600	22,500	3.40	76,100
Mineral . . . . .	...	...	...	...	...	...	...	...	...
Rio Grande . .	45,800	3.50	159,500	700	1.70	1,200	46,500	3.45	160,700
Saguache . . .	76,500	2.40	182,000	1,500	1.20	1,800	78,000	2.35	183,800
San Luis Valley	265,000	2.75	730,000	5,000	1.40	7,000	270,000	2.75	737,000
Baca	6,800	5.35	36,500	9,200	1.60	14,800	16,000	3.20	51,300
Bent	37,400	3.95	147,000	2,100	1.30	2,700	39,500	3.80	149,700
Crowley	8,700	3.85	33,500	1,300	1.45	1,900	10,000	3.55	35,400
Custer	14,600	3.10	45,000	1,900	1.70	3,200	16,500	2.90	48,200
Fremont	8,300	3.00	25,000	400	1.75	700	8,700	2.95	25,700
Huerfano	12,300	2.65	32,500	1,000	1.60	1,600	13,300	2.55	34,100
Las Animas . .	19,700	3.40	67,000	4,700	1.50	7,100	24,400	3.05	74,100
Otero	25,800	4.60	119,000	200	1.50	300	26,000	4.60	119,300
Prowers	68,800	4.70	323,000	3,000	2.10	6,300	71,800	4.60	329,300
Pueblo	15,600	4.45	69,500	3,200	1.40	4,400	18,800	3.95	73,900
Southeast	218,000	4.10	898,000	27,000	1.60	43,000	245,000	3.85	941,000
State Total	1,285,000	3.30	4,236,000	305,000	1.65	503,000	1,590,000	2.98	4,739,000

All Hay Production - 1998 Crop Top Five Counties, Colorado

Production in Tons and Percent of Total



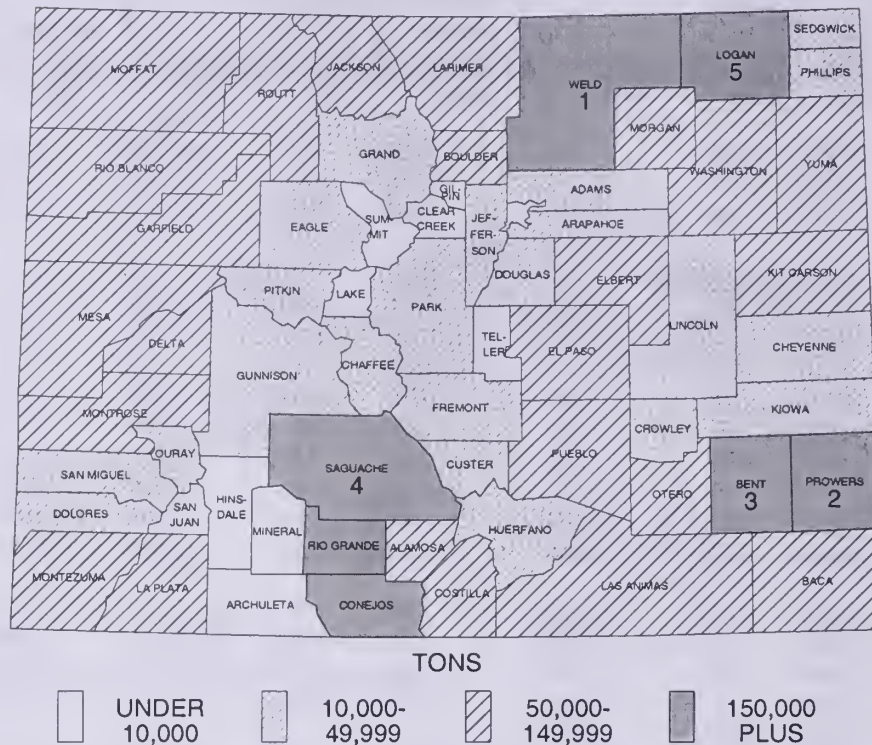
All Hay: Acreage and production by county and district, Colorado, 1998

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	13,200	2.30	30,600	800	1.25	1,000	14,000	2.25	31,600
Clear Creek . .	500	1.40	700	...	...	...	500	1.40	700
Eagle	11,300	1.65	18,700	700	1.45	1,000	12,000	1.65	19,700
Gilpin . . . . .	...	...	...	...	...	...	...	...	...
Grand	17,900	1.55	27,600	1,000	1.30	1,300	18,900	1.55	28,900
Gunnison . . .	25,300	1.85	47,100	1,300	1.30	1,700	26,600	1.85	48,800
Jackson	72,600	1.70	125,000	5,400	1.20	6,500	78,000	1.70	131,500
Lake	500	1.00	500	...	...	...	500	1.00	500
Moffat	16,700	2.55	43,000	13,300	1.30	17,200	30,000	2.00	60,200
Park	6,700	1.25	8,500	1,300	1.10	1,400	8,000	1.25	9,900
Pitkin	5,300	1.50	7,900	700	1.30	900	6,000	1.45	8,800
Rio Blanco . .	15,400	2.70	41,200	2,100	1.55	3,300	17,500	2.55	44,500
Routt	33,800	2.30	76,900	12,700	1.70	21,700	46,500	2.10	98,600
Summit	4,500	1.10	5,000	...	...	...	4,500	1.10	5,000
Teller	1,300	1.75	2,300	700	1.45	1,000	2,000	1.65	3,300
NW & Mountain	225,000	1.95	435,000	40,000	1.45	57,000	265,000	1.85	492,000
Boulder	16,000	3.75	59,700	3,000	1.55	4,600	19,000	3.40	64,300
Jefferson . . .	1,500	5.00	7,500	2,500	1.10	2,700	4,000	2.55	10,200
Larimer	27,400	3.95	107,600	3,600	1.10	3,900	31,000	3.60	111,500
Logan	35,300	5.10	180,800	12,200	1.60	19,700	47,500	4.20	200,500
Morgan	28,300	5.50	155,000	4,700	1.25	5,800	33,000	4.85	160,800
Sedgwick . . .	6,500	5.25	34,200	1,000	1.70	1,700	7,500	4.80	35,900
Weld	98,000	5.35	524,200	20,000	1.75	34,600	118,000	4.75	558,800
Northeast	213,000	5.00	1,069,000	47,000	1.55	73,000	260,000	4.40	1,142,000

All Hay: Acreage and production by county and district, Colorado, 1998, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	10,300	5.00	51,700	6,200	1.40	8,700	16,500	3.65	60,400
Arapahoe ...	3,600	3.55	12,700	4,900	1.65	8,100	8,500	2.45	20,800
Cheyenne ...	1,000	4.30	4,300	6,300	2.05	12,900	7,300	2.35	17,200
Denver .....	...	...	...	...	...	...	...	...	...
Douglas	3,200	4.05	13,000	8,200	1.25	10,400	11,400	2.05	23,400
Elbert	10,100	4.20	42,300	21,400	1.30	28,000	31,500	2.25	70,300
El Paso	9,200	3.35	31,000	13,300	1.70	22,400	22,500	2.35	53,400
Kiowa	1,500	3.35	5,000	3,200	2.15	6,800	4,700	2.50	11,800
Kit Carson ..	7,500	5.35	40,000	10,200	2.00	20,200	17,700	3.40	60,200
Lincoln	3,500	3.30	11,500	21,800	1.75	38,500	25,300	2.00	50,000
Phillips	1,900	6.85	13,000	3,200	2.30	7,300	5,100	4.00	20,300
Washington ..	9,500	5.60	53,000	19,500	1.80	34,800	29,000	3.05	87,800
Yuma	17,700	5.85	103,500	7,800	2.15	16,900	25,500	4.70	120,400
East Central	79,000	4.80	381,000	126,000	1.70	215,000	205,000	2.90	596,000
Archuleta ...	3,300	3.65	12,000	700	1.70	1,200	4,000	3.30	13,200
Delta	28,800	3.45	99,000	1,200	1.75	2,100	30,000	3.35	101,100
Dolores	6,200	4.80	29,700	4,800	1.50	7,100	11,000	3.35	36,800
Garfield	33,900	2.85	97,000	1,100	2.00	2,200	35,000	2.85	99,200
Hinsdale	500	3.00	1,500	...	...	...	500	3.00	1,500
La Plata	26,600	2.80	75,000	3,400	2.40	8,200	30,000	2.75	83,200
Mesa	33,800	3.35	112,700	1,200	1.90	2,300	35,000	3.30	115,000
Montezuma ..	39,800	4.30	171,000	6,200	1.55	9,700	46,000	3.95	180,700
Montrose ...	29,900	3.50	104,800	1,100	1.65	1,800	31,000	3.45	106,600
Ouray	7,200	2.30	16,400	800	1.75	1,400	8,000	2.25	17,800
San Juan .....	...	...	...	...	...	...	...	...	...
San Miguel ..	4,000	2.75	10,900	500	2.00	1,000	4,500	2.65	11,900
Southwest	214,000	3.40	730,000	21,000	1.75	37,000	235,000	3.25	767,000
Alamosa	32,600	3.50	113,500	400	1.50	600	33,000	3.45	114,100
Conejos	63,000	2.85	178,500	1,000	1.30	1,300	64,000	2.80	179,800
Costilla	20,700	4.10	84,800	300	1.35	400	21,000	4.05	85,200
Mineral .....	...	...	...	...	...	...	...	...	...
Rio Grande ..	41,500	3.75	155,600	500	1.60	800	42,000	3.70	156,400
Saguache ...	64,200	2.70	172,600	800	1.15	900	65,000	2.65	173,500
San Luis Valley	222,000	3.20	705,000	3,000	1.35	4,000	225,000	3.15	709,000
Baca	6,000	5.35	32,100	7,500	1.50	11,300	13,500	3.20	43,400
Bent	37,900	4.60	173,500	1,600	1.45	2,300	39,500	4.45	175,800
Crowley	7,200	4.75	34,300	1,800	1.55	2,800	9,000	4.10	37,100
Custer	11,600	2.80	32,300	1,400	1.35	1,900	13,000	2.65	34,200
Fremont	8,000	3.65	29,300	500	1.60	800	8,500	3.55	30,100
Huerfano	10,600	3.50	37,300	900	1.55	1,400	11,500	3.35	38,700
Las Animas ..	18,900	3.30	62,400	4,100	1.65	6,800	23,000	3.00	69,200
Otero	22,300	4.65	104,000	200	1.50	300	22,500	4.65	104,300
Prowers	59,500	4.85	288,300	2,500	2.10	5,200	62,000	4.75	293,500
Pueblo	15,000	4.45	66,500	2,500	1.30	3,200	17,500	4.00	69,700
Southeast	197,000	4.35	860,000	23,000	1.55	36,000	220,000	4.05	896,000
State Total	1,150,000	3.65	4,180,000	260,000	1.60	422,000	1,410,000	3.26	4,602,000

All Hay: Production by County, Colorado, 1999 with Ranking of First Five Counties



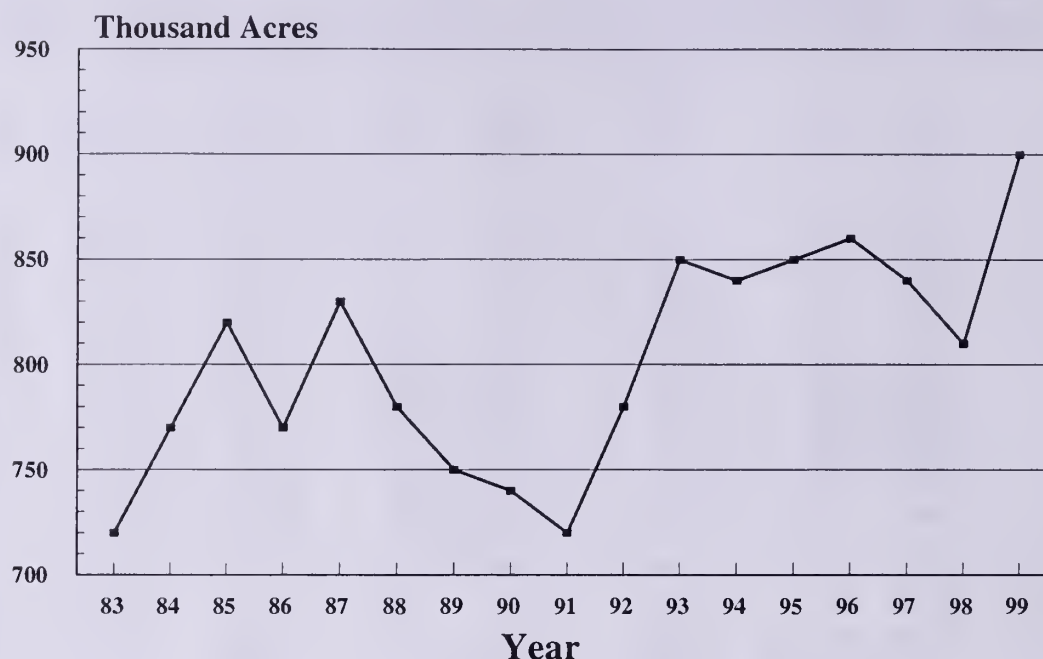
All Hay: Acreage and production by county and district, Colorado, 1999

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	17,000	2.75	47,000	1,000	1.30	1,300	18,000	2.70	48,300
Clear Creek ..	500	1.00	500	...	...	...	500	1.00	500
Eagle	16,500	1.70	28,000	500	1.60	800	17,000	1.70	28,800
Gilpin .....	...	...	...	...	...	...	...	...	...
Grand	23,700	1.55	37,000	2,300	1.00	2,300	26,000	1.50	39,300
Gunnison ...	27,000	1.75	47,000	1,000	1.50	1,500	28,000	1.75	48,500
Jackson	74,500	1.60	121,000	5,500	1.00	5,500	80,000	1.60	126,500
Lake	500	1.00	500	...	...	...	500	1.00	500
Moffat	19,000	2.55	48,000	15,000	1.20	18,100	34,000	1.95	66,100
Park	8,200	1.20	10,000	1,800	0.90	1,600	10,000	1.15	11,600
Pitkin	8,800	1.80	16,000	700	1.55	1,100	9,500	1.80	17,100
Rio Blanco ..	21,800	2.65	58,000	2,700	1.40	3,800	24,500	2.50	61,800
Routt	33,000	2.25	74,000	17,000	1.45	24,400	50,000	1.95	98,400
Summit	5,000	1.30	6,500	...	...	...	5,000	1.30	6,500
Teller	1,500	1.00	1,500	500	1.20	600	2,000	1.05	2,100
NW & Mountain	257,000	1.95	495,000	48,000	1.25	61,000	305,000	1.80	556,000
Boulder	16,400	3.15	52,000	2,600	1.10	2,900	19,000	2.90	54,900
Jefferson	2,500	2.80	7,000	2,000	1.75	3,500	4,500	2.35	10,500
Larimer	32,800	3.50	115,000	3,700	1.50	5,500	36,500	3.30	120,500
Logan	34,500	4.40	152,000	10,000	1.80	17,800	44,500	3.80	169,800
Morgan	28,300	5.00	141,000	3,700	1.60	6,000	32,000	4.60	147,000
Sedgwick ...	7,000	5.15	36,000	500	1.60	800	7,500	4.90	36,800
Weld	119,500	4.85	577,000	16,500	1.40	23,500	136,000	4.40	600,500
Northeast	241,000	4.50	1,080,000	39,000	1.55	60,000	280,000	4.05	1,140,000

All Hay: Acreage and production by county and district, Colorado, 1999, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	8,500	3.90	33,000	6,500	1.85	12,000	15,000	3.00	45,000
Arapahoe . . .	2,300	3.50	8,000	4,800	1.55	7,500	7,100	2.20	15,500
Cheyenne . . .	1,000	4.30	4,300	5,000	1.75	8,800	6,000	2.20	13,100
Denver . . . . .	...	...	...	...	...	...	...	...	...
Douglas	4,000	1.90	7,500	9,500	1.00	9,500	13,500	1.25	17,000
Elbert	8,000	3.00	24,000	29,000	1.50	44,000	37,000	1.85	68,000
El Paso	9,000	3.05	27,500	17,500	1.35	24,000	26,500	1.95	51,500
Kiowa	3,000	4.15	12,500	4,500	1.65	7,500	7,500	2.65	20,000
Kit Carson . .	7,500	4.60	34,500	8,500	2.05	17,500	16,000	3.25	52,000
Lincoln	1,600	2.95	4,700	17,000	1.80	30,500	18,600	1.90	35,200
Phillips	3,800	4.75	18,000	2,500	1.70	4,300	6,300	3.55	22,300
Washington . .	13,000	4.40	57,000	21,000	1.95	41,300	34,000	2.90	98,300
Yuma	19,300	5.65	109,000	8,200	1.95	16,100	27,500	4.55	125,100
East Central	81,000	4.20	340,000	134,000	1.65	223,000	215,000	2.60	563,000
Archuleta . . .	3,400	2.05	7,000	1,300	1.15	1,500	4,700	1.80	8,500
Delta	28,800	2.90	83,500	800	1.90	1,500	29,600	2.85	85,000
Dolores	5,900	3.35	19,700	4,300	1.25	5,400	10,200	2.45	25,100
Garfield	29,400	2.95	87,000	1,100	1.35	1,500	30,500	2.90	88,500
Hinsdale	1,000	2.00	2,000	...	...	...	1,000	2.00	2,000
La Plata	31,900	2.90	92,000	4,100	1.35	5,600	36,000	2.70	97,600
Mesa	39,800	3.60	143,000	1,200	1.35	1,600	41,000	3.55	144,600
Montezuma . .	41,400	3.50	144,000	6,100	0.95	5,900	47,500	3.15	149,900
Montrose . . .	28,900	3.35	97,000	1,100	1.25	1,400	30,000	3.30	98,400
Ouray	7,500	2.65	20,000	1,000	1.60	1,600	8,500	2.55	21,600
San Juan . . . .	...	...	...	...	...	...	...	...	...
San Miguel . .	6,000	2.45	14,800	...	...	...	6,000	2.45	14,800
Southwest	224,000	3.15	710,000	21,000	1.25	26,000	245,000	3.00	736,000
Alamosa	39,300	3.75	148,000	200	1.00	200	39,500	3.75	148,200
Conejos	64,400	2.55	164,000	1,600	1.15	1,800	66,000	2.50	165,800
Costilla	23,300	4.05	94,000	200	1.00	200	23,500	4.00	94,200
Mineral . . . . .	...	...	...	...	...	...	...	...	...
Rio Grande . .	45,700	3.50	161,000	300	1.00	300	46,000	3.50	161,300
Saguache . . .	74,300	2.40	178,000	700	0.70	500	75,000	2.40	178,500
San Luis Valley	247,000	3.00	745,000	3,000	1.00	3,000	250,000	3.00	748,000
Baca	7,700	5.60	43,000	5,800	2.10	12,300	13,500	4.10	55,300
Bent	39,700	4.55	180,000	1,800	1.70	3,100	41,500	4.40	183,100
Crowley	7,300	4.75	34,500	1,900	2.40	4,600	9,200	4.25	39,100
Custer	11,800	2.90	34,000	1,200	1.50	1,800	13,000	2.75	35,800
Fremont	10,000	2.80	28,000	500	1.40	700	10,500	2.75	28,700
Huerfano	10,700	2.30	24,500	1,300	1.25	1,600	12,000	2.20	26,100
Las Animas . .	16,200	2.60	42,500	5,600	1.65	9,300	21,800	2.40	51,800
Otero	21,700	4.40	95,000	800	1.65	1,300	22,500	4.30	96,300
Prowers	56,200	4.40	248,000	3,800	1.90	7,200	60,000	4.25	255,200
Pueblo	18,700	4.30	80,500	2,300	1.35	3,100	21,000	4.00	83,600
Southeast	200,000	4.05	810,000	25,000	1.80	45,000	225,000	3.80	855,000
State Total	1,250,000	3.35	4,180,000	270,000	1.55	418,000	1,520,000	3.03	4,598,000

Alfalfa Hay: Harvested Acres, Colorado, 1983-99 (000 Acres)



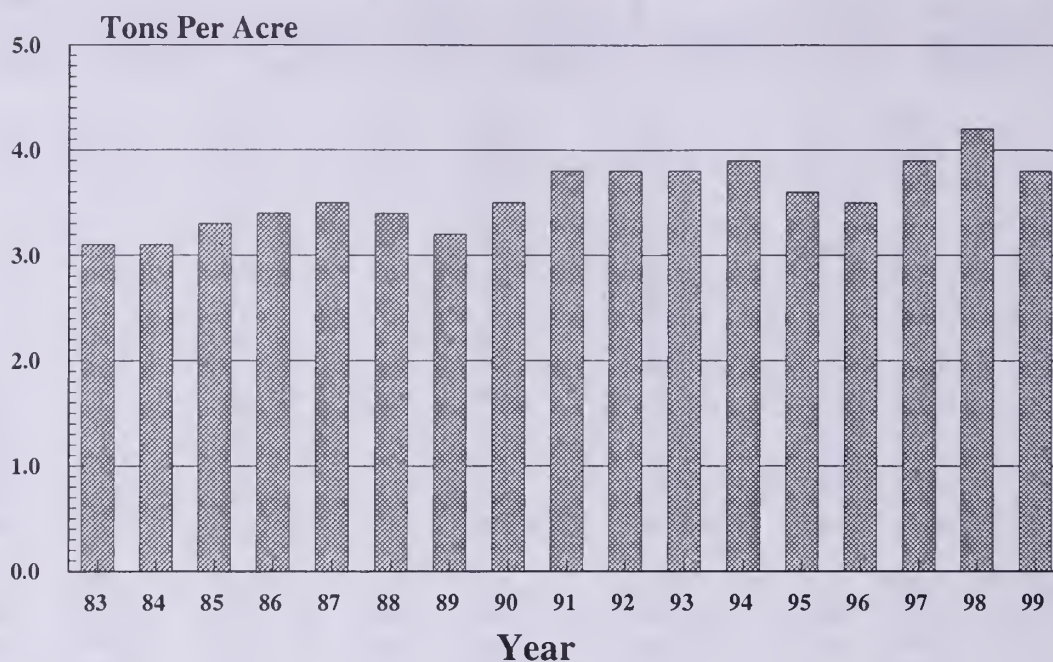
Alfalfa Hay: Acreage and production by county and district, Colorado, 1994

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	5,500	2.70	14,800	...	...	...	5,500	2.70	14,800
Clear Creek ..	...	...	...	...	...	...	...	...	...
Eagle	6,000	2.15	13,000	...	...	...	6,000	2.15	13,000
Gilpin .....	...	...	...	...	...	...	...	...	...
Grand	3,000	1.20	3,600	...	...	...	3,000	1.20	3,600
Gunnison ...	500	3.40	1,700	...	...	...	500	3.40	1,700
Jackson	1,000	3.70	3,700	...	...	...	1,000	3.70	3,700
Lake .....	...	...	...	...	...	...	...	...	...
Moffat	7,000	1.90	13,400	9,500	1.30	12,500	16,500	1.55	25,900
Park .....	...	...	...	...	...	...	...	...	...
Pitkin	4,500	2.20	9,800	...	...	...	4,500	2.20	9,800
Rio Blanco ..	6,000	2.30	13,900	1,500	1.25	1,900	7,500	2.10	15,800
Routt	3,500	2.60	9,100	7,000	1.35	9,600	10,500	1.80	18,700
Summit .....	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...
NW & Mountain	37,000	2.25	83,000	18,000	1.35	24,000	55,000	1.95	107,000
Boulder	10,000	4.00	40,000	1,500	3.00	4,500	11,500	3.85	44,500
Jefferson	1,000	6.50	6,500	500	1.60	800	1,500	4.85	7,300
Larimer	16,000	4.95	79,000	2,000	1.30	2,600	18,000	4.55	81,600
Logan	27,500	5.00	138,000	2,000	1.90	3,800	29,500	4.80	141,800
Morgan	17,000	5.55	94,000	3,000	1.40	4,200	20,000	4.90	98,200
Sedgwick ...	5,500	5.35	29,500	...	...	...	5,500	5.35	29,500
Weld	75,000	5.30	398,000	4,000	2.40	9,600	79,000	5.15	407,600
Northeast	152,000	5.15	785,000	13,000	1.95	25,500	165,000	4.90	810,500

Alfalfa Hay: Acreage and production by county and district, Colorado, 1994, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	6,100	4.75	29,000	1,400	2.35	3,300	7,500	4.30	32,300
Arapahoe ...	1,900	4.40	8,400	400	1.75	700	2,300	3.95	9,100
Cheyenne ...	1,300	6.40	8,300	200	1.00	200	1,500	5.65	8,500
Denver .....	...	...	...	...	...	...	...	...	...
Douglas	4,000	3.80	15,200	1,200	1.35	1,600	5,200	3.25	16,800
Elbert	10,800	4.50	48,700	13,000	1.20	15,600	23,800	2.70	64,300
El Paso	6,000	3.85	23,200	5,500	0.95	5,200	11,500	2.45	28,400
Kiowa	900	4.90	4,400	100	1.00	100	1,000	4.50	4,500
Kit Carson ..	6,400	5.90	37,700	100	2.00	200	6,500	5.85	37,900
Lincoln	2,500	4.65	11,600	2,000	1.50	3,000	4,500	3.25	14,600
Phillips	2,100	5.25	11,000	100	1.00	100	2,200	5.05	11,100
Washington ..	6,700	4.85	32,500	4,300	1.65	7,200	11,000	3.60	39,700
Yuma	14,300	5.95	85,000	700	1.85	1,300	15,000	5.75	86,300
East Central	63,000	5.00	315,000	29,000	1.35	38,500	92,000	3.85	353,500
Archuleta ...	2,400	3.15	7,500	2,100	1.80	3,800	4,500	2.50	11,300
Delta	19,800	3.20	63,600	200	1.50	300	20,000	3.20	63,900
Dolores	5,000	5.00	25,000	5,500	1.20	6,500	10,500	3.00	31,500
Garfield	26,900	2.75	74,000	100	1.00	100	27,000	2.75	74,100
Hinsdale .....	...	...	...	...	...	...	...	...	...
La Plata	19,500	3.05	59,000	1,500	1.45	2,200	21,000	2.90	61,200
Mesa	32,000	3.75	120,000	500	1.80	900	32,500	3.70	120,900
Montezuma ..	35,500	4.25	150,500	8,500	1.25	10,500	44,000	3.65	161,000
Montrose ...	33,000	4.10	136,000	...	...	...	33,000	4.10	136,000
Ouray	2,900	4.60	13,400	100	1.00	100	3,000	4.50	13,500
San Juan .....	...	...	...	...	...	...	...	...	...
San Miguel ..	4,000	2.50	10,000	500	1.20	600	4,500	2.35	10,600
Southwest	181,000	3.65	659,000	19,000	1.30	25,000	200,000	3.40	684,000
Alamosa	27,000	3.20	87,000	...	...	...	27,000	3.20	87,000
Conejos	49,000	3.30	162,500	...	...	...	49,000	3.30	162,500
Costilla	14,000	3.70	51,500	...	...	...	14,000	3.70	51,500
Mineral .....	...	...	...	...	...	...	...	...	...
Rio Grande ..	23,500	3.85	91,000	...	...	...	23,500	3.85	91,000
Saguache ...	21,500	4.55	98,000	...	...	...	21,500	4.55	98,000
San Luis Valley	135,000	3.65	490,000	...	...	...	135,000	3.65	490,000
Baca	2,800	5.95	16,700	700	2.00	1,400	3,500	5.15	18,100
Bent	36,400	4.30	156,000	100	2.00	200	36,500	4.30	156,200
Crowley	7,300	4.25	31,000	1,200	2.40	2,900	8,500	4.00	33,900
Custer	2,100	3.25	6,800	400	2.00	800	2,500	3.05	7,600
Fremont	5,000	3.20	16,000	...	...	...	5,000	3.20	16,000
Huerfano	12,600	3.75	47,000	400	1.50	600	13,000	3.65	47,600
Las Animas ..	14,900	3.40	51,000	600	2.00	1,200	15,500	3.35	52,200
Otero	24,700	4.70	116,000	300	1.65	500	25,000	4.65	116,500
Prowers	71,300	4.65	331,000	700	2.15	1,500	72,000	4.60	332,500
Pueblo	10,900	4.55	49,500	600	1.50	900	11,500	4.40	50,400
Southeast	188,000	4.35	821,000	5,000	2.00	10,000	193,000	4.30	831,000
State Total	756,000	4.15	3,153,000	84,000	1.45	123,000	840,000	3.90	3,276,000

Alfalfa Hay: Yield Per Acre, Colorado, 1983-99 (Tons Per Acre)



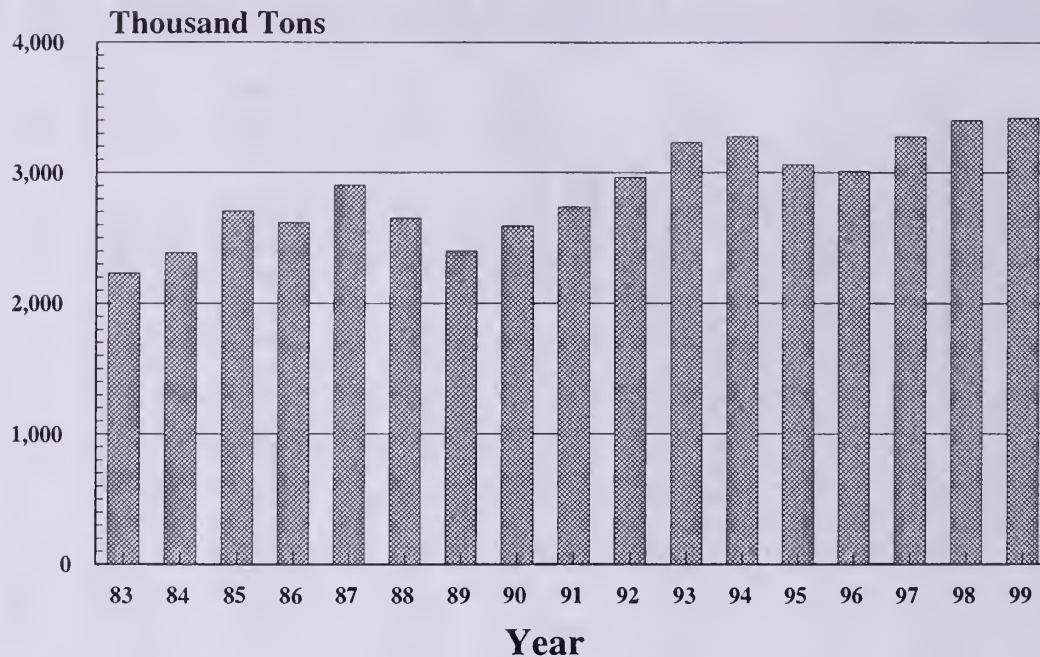
Alfalfa Hay: Acreage and production by county and district, Colorado, 1995

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	4,500	2.80	12,600	...	...	...	4,500	2.80	12,600
Clear Creek . .	...	...	...	...	...	...	...	...	...
Eagle	5,500	2.55	13,900	...	...	...	5,500	2.55	13,900
Gilpin . . . . .	...	...	...	...	...	...	...	...	...
Grand	2,500	1.50	3,700	...	...	...	2,500	1.50	3,700
Gunnison . . .	500	3.40	1,700	...	...	...	500	3.40	1,700
Jackson	500	3.80	1,900	...	...	...	500	3.80	1,900
Lake . . . . .	...	...	...	...	...	...	...	...	...
Moffat	6,900	2.25	15,500	8,600	1.45	12,300	15,500	1.80	27,800
Park . . . . .	...	...	...	...	...	...	...	...	...
Pitkin	4,000	2.65	10,500	...	...	...	4,000	2.65	10,500
Rio Blanco . .	5,200	2.90	15,000	1,800	1.50	2,700	7,000	2.55	17,700
Routt	3,400	3.00	10,200	6,600	1.60	10,500	10,000	2.05	20,700
Summit . . . .	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...
NW & Mountain	33,000	2.60	85,000	17,000	1.50	25,500	50,000	2.20	110,500
Boulder	9,600	3.95	38,000	1,400	2.95	4,100	11,000	3.85	42,100
Jefferson . . .	700	5.00	3,500	300	2.00	600	1,000	4.10	4,100
Larimer	17,500	3.90	68,500	1,500	2.05	3,100	19,000	3.75	71,600
Logan	32,300	4.60	149,000	2,700	1.90	5,100	35,000	4.40	154,100
Morgan	20,000	4.70	94,000	2,000	1.70	3,400	22,000	4.45	97,400
Sedgwick . . .	6,000	5.00	30,000	...	...	...	6,000	5.00	30,000
Weld	82,900	4.70	391,000	3,100	2.50	7,700	86,000	4.65	398,700
Northeast	169,000	4.60	774,000	11,000	2.20	24,000	180,000	4.45	798,000

Alfalfa Hay: Acreage and production by county and district, Colorado, 1995, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	7,200	4.40	31,700	1,300	2.70	3,500	8,500	4.15	35,200
Arapahoe . . .	1,600	3.55	5,700	400	2.00	800	2,000	3.25	6,500
Cheyenne . . .	1,700	5.00	8,500	300	1.35	400	2,000	4.45	8,900
Denver . . . . .	...	...	...	...	...	...	...	...	...
Douglas	3,700	2.95	11,000	1,300	1.55	2,000	5,000	2.60	13,000
Elbert	10,400	3.75	39,000	11,600	1.40	16,100	22,000	2.50	55,100
El Paso	5,900	3.40	20,000	2,600	1.10	2,800	8,500	2.70	22,800
Kiowa	500	4.00	2,000	...	...	...	500	4.00	2,000
Kit Carson . . .	5,800	5.40	31,300	200	2.50	500	6,000	5.30	31,800
Lincoln	2,300	3.75	8,600	1,700	1.65	2,800	4,000	2.85	11,400
Phillips	2,300	4.80	11,000	200	1.50	300	2,500	4.50	11,300
Washington . .	7,400	4.25	31,400	4,600	1.80	8,300	12,000	3.30	39,700
Yuma	16,200	5.85	94,800	800	1.90	1,500	17,000	5.65	96,300
East Central	65,000	4.55	295,000	25,000	1.55	39,000	90,000	3.70	334,000
Archuleta . . .	1,400	3.20	4,500	2,100	1.50	3,200	3,500	2.20	7,700
Delta	18,300	3.50	64,000	200	1.00	200	18,500	3.45	64,200
Dolores	5,200	4.40	23,000	4,300	1.30	5,600	9,500	3.00	28,600
Garfield	25,900	2.80	72,000	100	2.00	200	26,000	2.80	72,200
Hinsdale . . . .	...	...	...	...	...	...	...	...	...
La Plata	21,800	3.05	66,000	2,200	1.50	3,300	24,000	2.90	69,300
Mesa	28,700	3.90	112,000	300	2.35	700	29,000	3.90	112,700
Montezuma . . .	37,500	4.20	157,000	9,500	1.25	12,000	47,000	3.60	169,000
Montrose	26,000	3.35	87,000	...	...	...	26,000	3.35	87,000
Ouray	3,000	3.30	9,900	...	...	...	3,000	3.30	9,900
San Juan . . . .	...	...	...	...	...	...	...	...	...
San Miguel . . .	3,200	2.40	7,600	300	1.00	300	3,500	2.25	7,900
Southwest	171,000	3.55	603,000	19,000	1.35	25,500	190,000	3.30	628,500
Alamosa	30,000	3.05	91,500	...	...	...	30,000	3.05	91,500
Conejos	50,000	3.05	153,000	...	...	...	50,000	3.05	153,000
Costilla	14,000	3.20	44,500	...	...	...	14,000	3.20	44,500
Mineral . . . . .	...	...	...	...	...	...	...	...	...
Rio Grande . . .	24,000	3.45	82,500	...	...	...	24,000	3.45	82,500
Saguache	22,000	3.30	72,500	...	...	...	22,000	3.30	72,500
San Luis Valley	140,000	3.15	444,000	...	...	...	140,000	3.15	444,000
Baca	2,500	4.20	10,500	500	2.00	1,000	3,000	3.85	11,500
Bent	42,500	3.20	136,000	...	...	...	42,500	3.20	136,000
Crowley	7,500	4.15	31,000	1,000	1.20	1,200	8,500	3.80	32,200
Custer	1,800	2.50	4,500	200	2.00	400	2,000	2.45	4,900
Fremont	5,000	3.30	16,500	...	...	...	5,000	3.30	16,500
Huerfano	14,400	3.40	49,000	600	1.00	600	15,000	3.30	49,600
Las Animas . . .	14,700	3.45	50,500	300	2.00	600	15,000	3.40	51,100
Otero	26,000	4.60	119,000	...	...	...	26,000	4.60	119,000
Prowers	71,500	3.90	279,500	500	1.80	900	72,000	3.90	280,400
Pueblo	10,100	4.20	42,500	900	1.45	1,300	11,000	4.00	43,800
Southeast	196,000	3.75	739,000	4,000	1.50	6,000	200,000	3.75	745,000
State Total	774,000	3.80	2,940,000	76,000	1.60	120,000	850,000	3.60	3,060,000

Alfalfa Hay: Production, Colorado, 1983-99 (000 Tons)



Alfalfa Hay: Acreage and production by county and district, Colorado, 1996

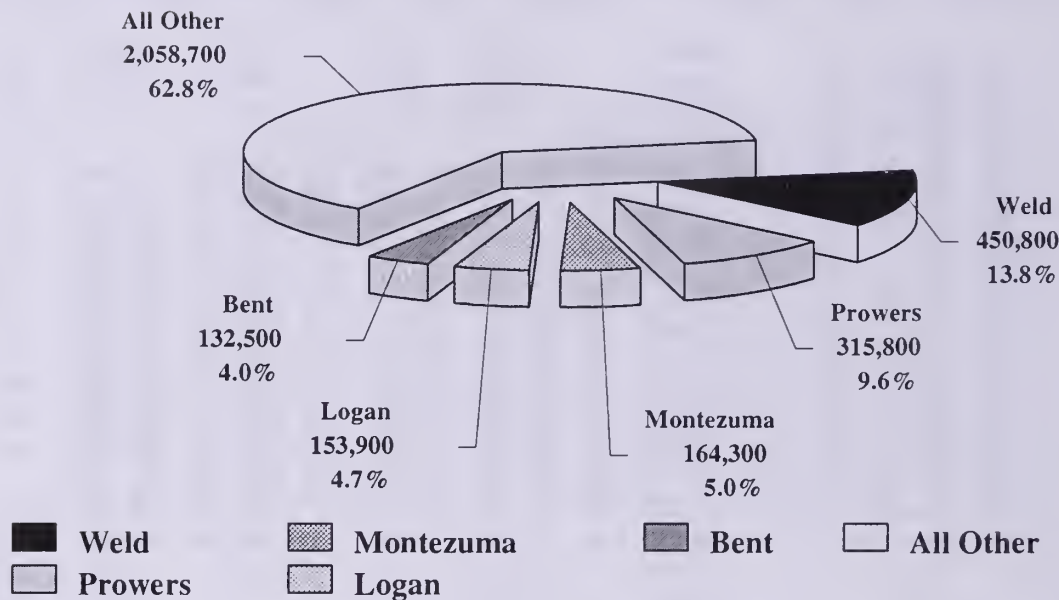
County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	5,500	2.10	11,500	...	...	...	5,500	2.10	11,500
Clear Creek ..	...	...	...	...	...	...	...	...	...
Eagle	6,000	1.45	8,600	...	...	...	6,000	1.45	8,600
Gilpin .....	...	...	...	...	...	...	...	...	...
Grand	1,500	2.20	3,300	...	...	...	1,500	2.20	3,300
Gunnison ...	500	1.20	600	...	...	...	500	1.20	600
Jackson .....	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...
Moffat	5,000	2.60	13,000	7,000	0.75	5,200	12,000	1.50	18,200
Park .....	...	...	...	...	...	...	...	...	...
Pitkin	3,500	1.30	4,500	...	...	...	3,500	1.30	4,500
Rio Blanco ..	4,400	2.60	11,500	600	1.35	800	5,000	2.45	12,300
Routt	3,600	1.95	7,000	7,400	1.20	9,000	11,000	1.45	16,000
Summit .....	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...
NW & Mountain	30,000	2.00	60,000	15,000	1.00	15,000	45,000	1.65	75,000
Boulder	13,800	2.90	40,000	1,200	1.50	1,800	15,000	2.80	41,800
Jefferson	700	4.30	3,000	300	1.00	300	1,000	3.30	3,300
Larimer	20,800	4.15	86,000	1,200	2.10	2,500	22,000	4.00	88,500
Logan	37,800	5.05	190,000	2,200	1.45	3,200	40,000	4.85	193,200
Morgan	24,900	4.80	120,000	2,100	1.25	2,600	27,000	4.55	122,600
Sedgwick ...	7,000	4.00	28,000	...	...	...	7,000	4.00	28,000
Weld	85,000	4.85	413,000	3,000	1.55	4,600	88,000	4.75	417,600
Northeast	190,000	4.65	880,000	10,000	1.50	15,000	200,000	4.50	895,000

Alfalfa Hay: Acreage and production by county and district, Colorado, 1996, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	6,800	4.25	29,000	1,200	1.90	2,300	8,000	3.90	31,300
Arapahoe ...	1,700	4.10	7,000	300	1.00	300	2,000	3.65	7,300
Cheyenne ...	2,500	5.40	13,500	500	1.60	800	3,000	4.75	14,300
Denver .....	...	...	...	...	...	...	...	...	...
Douglas	4,900	4.40	21,500	2,100	1.10	2,300	7,000	3.40	23,800
Elbert	7,000	3.30	23,000	15,000	1.00	15,000	22,000	1.75	38,000
El Paso	6,000	3.15	19,000	4,000	0.70	2,800	10,000	2.20	21,800
Kiowa	1,000	3.00	3,000	...	...	...	1,000	3.00	3,000
Kit Carson ..	5,000	4.80	24,000	500	1.80	900	5,500	4.55	24,900
Lincoln	2,500	4.00	10,000	2,500	1.15	2,900	5,000	2.60	12,900
Phillips	2,800	5.00	14,000	200	0.50	100	3,000	4.70	14,100
Washington ..	8,500	4.45	38,000	3,000	2.20	6,600	11,500	3.90	44,600
Yuma	16,300	5.10	83,000	700	1.45	1,000	17,000	4.95	84,000
East Central	65,000	4.40	285,000	30,000	1.15	35,000	95,000	3.35	320,000
Archuleta ...	1,500	2.65	4,000	500	1.40	700	2,000	2.35	4,700
Delta	29,800	2.75	82,000	200	1.50	300	30,000	2.75	82,300
Dolores	5,500	3.75	20,500	2,500	1.40	3,500	8,000	3.00	24,000
Garfield	31,900	2.50	80,000	100	2.00	200	32,000	2.50	80,200
Hinsdale .....	...	...	...	...	...	...	...	...	...
La Plata	20,000	1.95	39,000	1,000	2.00	2,000	21,000	1.95	41,000
Mesa	35,300	3.35	118,500	700	2.15	1,500	36,000	3.35	120,000
Montezuma ..	35,000	4.30	150,000	5,000	1.35	6,800	40,000	3.90	156,800
Montrose ...	30,000	3.55	107,000	...	...	...	30,000	3.55	107,000
Ouray	6,000	2.35	14,000	...	...	...	6,000	2.35	14,000
San Juan .....	...	...	...	...	...	...	...	...	...
San Miguel ..	5,000	1.00	5,000	...	...	...	5,000	1.00	5,000
Southwest	200,000	3.10	620,000	10,000	1.50	15,000	210,000	3.00	635,000
Alamosa	25,000	2.90	72,000	...	...	...	25,000	2.90	72,000
Conejos	50,000	2.50	124,000	...	...	...	50,000	2.50	124,000
Costilla	15,000	3.25	49,000	...	...	...	15,000	3.25	49,000
Mineral .....	...	...	...	...	...	...	...	...	...
Rio Grande ..	22,000	3.40	75,000	...	...	...	22,000	3.40	75,000
Saguache ...	18,000	3.60	65,000	...	...	...	18,000	3.60	65,000
San Luis Valley	130,000	2.95	385,000	...	...	...	130,000	2.95	385,000
Baca	2,600	5.40	14,000	400	2.25	900	3,000	4.95	14,900
Bent	33,000	3.90	128,000	...	...	...	33,000	3.90	128,000
Crowley	7,300	4.05	29,500	700	2.00	1,400	8,000	3.85	30,900
Custer	1,400	2.50	3,500	600	1.50	900	2,000	2.20	4,400
Fremont	5,000	3.60	18,000	...	...	...	5,000	3.60	18,000
Huerfano	11,700	1.95	23,000	1,300	1.00	1,300	13,000	1.85	24,300
Las Animas ..	15,500	3.40	53,000	500	2.00	1,000	16,000	3.40	54,000
Otero	23,000	4.65	107,000	...	...	...	23,000	4.65	107,000
Prowers	64,800	4.25	275,000	200	1.50	300	65,000	4.25	275,300
Pueblo	10,700	3.95	42,000	1,300	0.90	1,200	12,000	3.60	43,200
Southeast	175,000	3.95	693,000	5,000	1.40	7,000	180,000	3.90	700,000
State Total	790,000	3.70	2,923,000	70,000	1.25	87,000	860,000	3.50	3,010,000

Alfalfa Hay Production - 1997 Crop Top Five Counties, Colorado

Production in Tons and Percent of Total



Alfalfa Hay: Acreage and production by county and district, Colorado, 1997

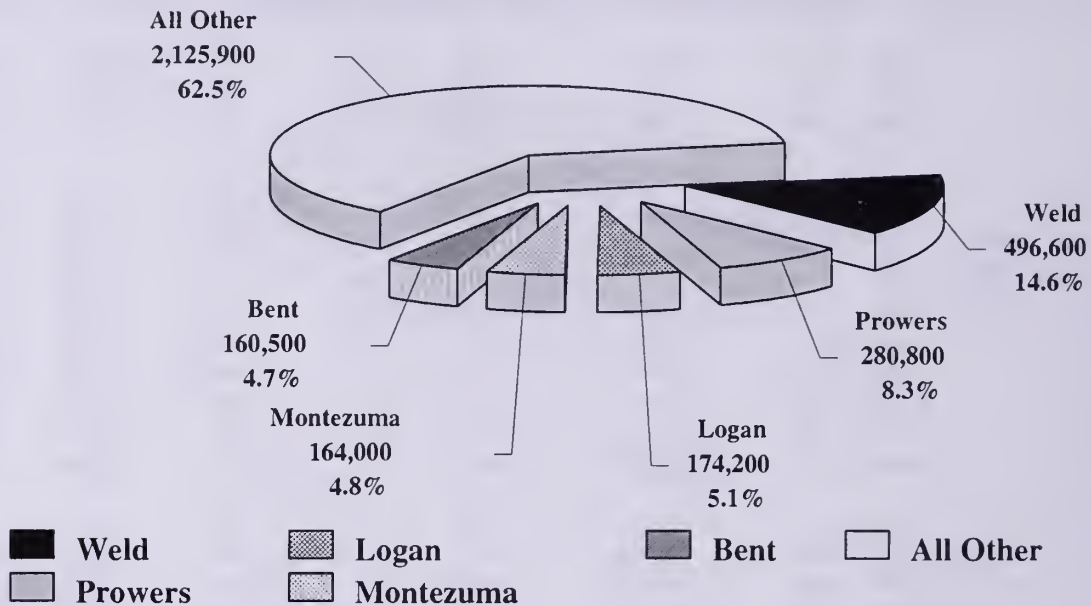
County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	6,300	3.00	19,000	200	1.50	300	6,500	2.95	19,300
Clear Creek ..	...	...	...	...	...	...	...	...	...
Eagle	5,700	2.65	15,000	300	1.65	500	6,000	2.60	15,500
Gilpin .....	...	...	...	...	...	...	...	...	...
Grand	1,600	1.90	3,000	...	...	...	1,600	1.90	3,000
Gunnison ...	1,400	2.55	3,600	...	...	...	1,400	2.55	3,600
Jackson .....	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...
Moffat	9,000	2.55	23,000	10,500	1.50	16,000	19,500	2.00	39,000
Park .....	...	...	...	...	...	...	...	...	...
Pitkin	5,000	1.80	8,900	500	1.60	800	5,500	1.75	9,700
Rio Blanco ..	4,500	2.80	12,500	1,500	1.35	2,000	6,000	2.40	14,500
Routt	3,500	2.85	10,000	10,000	1.95	19,400	13,500	2.20	29,400
Summit .....	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...
NW & Mountain	37,000	2.55	95,000	23,000	1.70	39,000	60,000	2.25	134,000
Boulder	11,500	3.50	40,000	1,000	1.90	1,900	12,500	3.35	41,900
Jefferson	1,000	5.00	5,000	500	1.40	700	1,500	3.80	5,700
Larimer	21,700	4.60	100,000	1,300	1.60	2,100	23,000	4.45	102,100
Logan	31,000	4.85	150,000	2,500	1.55	3,900	33,500	4.60	153,900
Morgan	26,000	5.00	130,000	1,500	1.55	2,300	27,500	4.80	132,300
Sedgwick ...	5,300	5.65	30,000	200	1.50	300	5,500	5.50	30,300
Weld	88,500	5.05	445,000	3,000	1.95	5,800	91,500	4.95	450,800
Northeast	185,000	4.85	900,000	10,000	1.70	17,000	195,000	4.70	917,000

Alfalfa Hay: Acreage and production by county and district, Colorado, 1997, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	7,800	4.50	35,000	1,700	1.60	2,700	9,500	3.95	37,700
Arapahoe . . .	2,400	3.95	9,500	600	1.35	800	3,000	3.45	10,300
Cheyenne . . .	600	5.00	3,000	400	1.25	500	1,000	3.50	3,500
Denver . . . .	...	...	...	...	...	...	...	...	...
Douglas	2,000	4.50	9,000	2,000	1.30	2,600	4,000	2.90	11,600
Elbert	6,500	3.55	23,000	13,000	1.20	15,600	19,500	2.00	38,600
El Paso	6,000	3.35	20,000	6,000	1.70	10,200	12,000	2.50	30,200
Kiowa	1,000	3.50	3,500	1,000	1.20	1,200	2,000	2.35	4,700
Kit Carson . .	6,000	5.35	32,000	1,000	1.50	1,500	7,000	4.80	33,500
Lincoln	1,300	5.00	6,500	2,700	1.30	3,500	4,000	2.50	10,000
Phillips	1,700	6.20	10,500	300	1.35	400	2,000	5.45	10,900
Washington . .	8,000	5.40	43,000	2,000	2.10	4,200	10,000	4.70	47,200
Yuma	14,700	5.80	85,000	1,300	1.40	1,800	16,000	5.45	86,800
East Central	58,000	4.85	280,000	32,000	1.40	45,000	90,000	3.60	325,000
Archuleta . . .	2,000	4.00	8,000	500	2.60	1,300	2,500	3.70	9,300
Delta	21,500	3.50	75,000	500	1.60	800	22,000	3.45	75,800
Dolores	6,100	4.90	30,000	4,900	1.65	8,200	11,000	3.45	38,200
Garfield	28,000	2.70	76,000	500	2.20	1,100	28,500	2.70	77,100
Hinsdale . . . .	...	...	...	...	...	...	...	...	...
La Plata	17,000	3.55	60,000	1,000	2.70	2,700	18,000	3.50	62,700
Mesa	29,000	3.65	106,000	500	2.40	1,200	29,500	3.65	107,200
Montezuma . .	36,000	4.30	155,000	6,000	1.55	9,300	42,000	3.90	164,300
Montrose . . .	24,500	3.90	95,000	500	2.60	1,300	25,000	3.85	96,300
Ouray	1,600	3.75	6,000	400	1.75	700	2,000	3.35	6,700
San Juan . . . .	...	...	...	...	...	...	...	...	...
San Miguel . .	4,300	3.25	14,000	200	2.00	400	4,500	3.20	14,400
Southwest	170,000	3.70	625,000	15,000	1.80	27,000	185,000	3.50	652,000
Alamosa	24,000	3.55	85,000	...	...	...	24,000	3.55	85,000
Conejos	43,000	3.00	130,000	...	...	...	43,000	3.00	130,000
Costilla	15,500	3.85	60,000	...	...	...	15,500	3.85	60,000
Mineral . . . .	...	...	...	...	...	...	...	...	...
Rio Grande . .	24,500	4.50	110,000	...	...	...	24,500	4.50	110,000
Saguache . . .	23,000	3.70	85,000	...	...	...	23,000	3.70	85,000
San Luis Valley	130,000	3.60	470,000	...	...	...	130,000	3.60	470,000
Baca	4,800	6.25	30,000	200	1.50	300	5,000	6.05	30,300
Bent	32,200	4.10	132,000	300	1.65	500	32,500	4.10	132,500
Crowley	7,000	4.00	28,000	500	1.60	800	7,500	3.85	28,800
Custer	2,100	3.35	7,000	400	1.00	400	2,500	2.95	7,400
Fremont	5,500	3.10	17,000	...	...	...	5,500	3.10	17,000
Huerfano	7,500	2.80	21,000	500	1.40	700	8,000	2.70	21,700
Las Animas . .	15,800	3.60	57,000	1,700	1.95	3,300	17,500	3.45	60,300
Otero	21,800	4.80	105,000	200	1.50	300	22,000	4.80	105,300
Prowers	66,000	4.75	315,000	500	1.60	800	66,500	4.75	315,800
Pueblo	12,300	4.70	58,000	700	1.30	900	13,000	4.55	58,900
Southeast	175,000	4.40	770,000	5,000	1.60	8,000	180,000	4.30	778,000
State Total	755,000	4.15	3,140,000	85,000	1.60	136,000	840,000	3.90	3,276,000

Alfalfa Hay Production - 1998 Crop Top Five Counties, Colorado

Production in Tons and Percent of Total



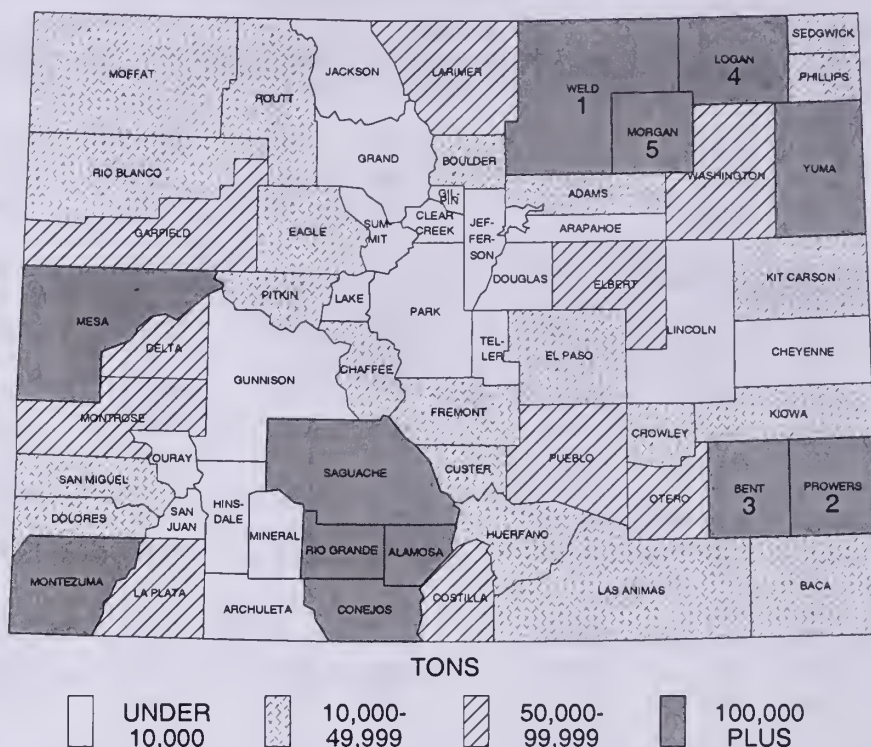
Alfalfa Hay: Acreage and production by county and district, Colorado, 1998

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	5,000	3.00	15,000	...	...	...	5,000	3.00	15,000
Clear Creek ..	...	...	...	...	...	...	...	...	...
Eagle	4,000	2.50	10,000	...	...	...	4,000	2.50	10,000
Gilpin .....	...	...	...	...	...	...	...	...	...
Grand	900	2.55	2,300	...	...	...	900	2.55	2,300
Gunnison ...	1,600	3.00	4,800	...	...	...	1,600	3.00	4,800
Jackson .....	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...
Moffat	10,600	2.65	28,000	9,400	1.40	13,300	20,000	2.05	41,300
Park .....	...	...	...	...	...	...	...	...	...
Pitkin	4,200	1.50	6,400	300	1.35	400	4,500	1.50	6,800
Rio Blanco ..	4,700	2.75	13,000	800	1.25	1,000	5,500	2.55	14,000
Routt	4,000	2.65	10,500	9,500	1.80	17,300	13,500	2.05	27,800
Summit .....	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...
NW & Mountain	35,000	2.55	90,000	20,000	1.60	32,000	55,000	2.20	122,000
Boulder	9,200	4.45	41,000	800	2.00	1,600	10,000	4.25	42,600
Jefferson	1,000	6.00	6,000	500	1.40	700	1,500	4.45	6,700
Larimer	19,700	4.65	92,000	1,300	1.25	1,600	21,000	4.45	93,600
Logan	31,300	5.45	170,000	2,700	1.55	4,200	34,000	5.10	174,200
Morgan	26,500	5.65	150,000	1,500	1.35	2,000	28,000	5.45	152,000
Sedgwick ...	5,300	5.85	31,000	200	1.50	300	5,500	5.70	31,300
Weld	87,000	5.65	490,000	3,000	2.20	6,600	90,000	5.50	496,600
Northeast	180,000	5.45	980,000	10,000	1.70	17,000	190,000	5.25	997,000

Alfalfa Hay: Acreage and production by county and district, Colorado, 1998, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	9,300	5.40	50,000	1,700	1.60	2,700	11,000	4.80	52,700
Arapahoe . . .	2,100	4.75	10,000	400	1.25	500	2,500	4.20	10,500
Cheyenne . . .	500	5.00	2,500	300	1.35	400	800	3.65	2,900
Denver . . . . .	...	...	...	...	...	...	...	...	...
Douglas	1,700	5.30	9,000	1,700	1.40	2,400	3,400	3.35	11,400
Elbert	8,500	4.35	37,000	13,000	1.10	14,000	21,500	2.35	51,000
El Paso	6,500	4.00	26,000	6,000	1.65	10,000	12,500	2.90	36,000
Kiowa	1,000	4.00	4,000	700	1.15	800	1,700	2.80	4,800
Kit Carson . .	5,000	6.20	31,000	700	1.70	1,200	5,700	5.65	32,200
Lincoln	1,500	5.00	7,500	2,800	1.25	3,500	4,300	2.55	11,000
Phillips	1,900	6.85	13,000	200	1.50	300	2,100	6.35	13,300
Washington . .	7,500	6.00	45,000	1,500	1.85	2,800	9,000	5.30	47,800
Yuma	14,500	6.55	95,000	1,000	1.40	1,400	15,500	6.20	96,400
East Central	60,000	5.50	330,000	30,000	1.35	40,000	90,000	4.10	370,000
Archuleta . . .	2,000	4.00	8,000	500	1.60	800	2,500	3.50	8,800
Delta	21,300	3.65	78,000	700	1.55	1,100	22,000	3.60	79,100
Dolores	5,500	5.25	29,000	4,500	1.45	6,500	10,000	3.55	35,500
Garfield	27,500	2.90	80,000	500	2.00	1,000	28,000	2.90	81,000
Hinsdale . . . .	...	...	...	...	...	...	...	...	...
La Plata	16,900	2.95	50,000	1,100	2.45	2,700	18,000	2.95	52,700
Mesa	27,400	3.65	100,000	600	2.35	1,400	28,000	3.60	101,400
Montezuma . .	34,200	4.55	155,000	5,800	1.55	9,000	40,000	4.10	164,000
Montrose . . .	20,600	3.90	80,000	400	2.00	800	21,000	3.85	80,800
Ouray	1,600	3.75	6,000	400	1.75	700	2,000	3.35	6,700
San Juan . . . .	...	...	...	...	...	...	...	...	...
San Miguel . .	3,000	3.00	9,000	500	2.00	1,000	3,500	2.85	10,000
Southwest	160,000	3.70	595,000	15,000	1.65	25,000	175,000	3.55	620,000
Alamosa	24,000	3.95	95,000	...	...	...	24,000	3.95	95,000
Conejos	42,000	3.35	140,000	...	...	...	42,000	3.35	140,000
Costilla	18,000	4.45	80,000	...	...	...	18,000	4.45	80,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...
Rio Grande . .	26,000	4.40	115,000	...	...	...	26,000	4.40	115,000
Saguache . . .	25,000	4.20	105,000	...	...	...	25,000	4.20	105,000
San Luis Valley	135,000	3.95	535,000	...	...	...	135,000	3.95	535,000
Baca	4,300	5.80	25,000	200	1.50	300	4,500	5.60	25,300
Bent	33,700	4.75	160,000	300	1.65	500	34,000	4.70	160,500
Crowley	6,500	4.90	32,000	500	1.60	800	7,000	4.70	32,800
Custer	1,700	3.55	6,000	300	1.35	400	2,000	3.20	6,400
Fremont	5,800	3.80	22,000	200	1.50	300	6,000	3.70	22,300
Huerfano	6,100	3.60	22,000	400	1.25	500	6,500	3.45	22,500
Las Animas . .	14,900	3.70	55,000	1,600	1.95	3,100	16,500	3.50	58,100
Otero	19,300	4.90	95,000	200	1.50	300	19,500	4.90	95,300
Prowers	56,500	4.95	280,000	500	1.60	800	57,000	4.95	280,800
Pueblo	11,200	4.75	53,000	800	1.25	1,000	12,000	4.50	54,000
Southeast	160,000	4.70	750,000	5,000	1.60	8,000	165,000	4.60	758,000
State Total	730,000	4.50	3,280,000	80,000	1.55	122,000	810,000	4.20	3,402,000

Alfalfa Hay: Production by County, Colorado, 1999 with Ranking of First Five Counties



Alfalfa Hay: Acreage and production by county and district, Colorado, 1999

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	7,000	3.30	23,000	...	...	...	7,000	3.30	23,000
Clear Creek ..	...	...	...	...	...	...	...	...	...
Eagle	6,000	2.35	14,000	...	...	...	6,000	2.35	14,000
Gilpin . . . . .	...	...	...	...	...	...	...	...	...
Grand	1,000	2.00	2,000	...	...	...	1,000	2.00	2,000
Gunnison ...	2,000	2.00	4,000	...	...	...	2,000	2.00	4,000
Jackson . . . . .	...	...	...	...	...	...	...	...	...
Lake . . . . .	...	...	...	...	...	...	...	...	...
Moffat	11,000	2.75	30,000	11,000	1.10	12,000	22,000	1.90	42,000
Park . . . . .	...	...	...	...	...	...	...	...	...
Pitkin	7,000	1.85	13,000	500	1.60	800	7,500	1.85	13,800
Rio Blanco ..	8,000	3.15	25,000	1,500	1.20	1,800	9,500	2.80	26,800
Routt	3,000	3.00	9,000	12,000	1.35	16,400	15,000	1.70	25,400
Summit . . . . .	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...
NW & Mountain	45,000	2.65	120,000	25,000	1.25	31,000	70,000	2.15	151,000
Boulder	9,400	3.50	33,000	600	1.50	900	10,000	3.40	33,900
Jefferson	1,000	5.00	5,000	500	1.20	600	1,500	3.75	5,600
Larimer	21,800	4.15	91,000	1,700	1.75	3,000	23,500	4.00	94,000
Logan	28,500	4.95	141,000	2,000	1.90	3,800	30,500	4.75	144,800
Morgan	26,800	5.10	137,000	1,200	1.40	1,700	28,000	4.95	138,700
Sedgwick ...	6,500	5.40	35,000	...	...	...	6,500	5.40	35,000
Weld	106,000	5.10	538,000	4,000	1.25	5,000	110,000	4.95	543,000
Northeast	200,000	4.90	980,000	10,000	1.50	15,000	210,000	4.75	995,000

Alfalfa Hay: Acreage and production by county and district, Colorado, 1999, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	7,500	4.15	31,000	2,500	1.80	4,500	10,000	3.55	35,500
Arapahoe	1,300	4.25	5,500	800	1.90	1,500	2,100	3.35	7,000
Cheyenne	500	5.00	2,500	500	1.60	800	1,000	3.30	3,300
Denver .....	...	...	...	...	...	...	...	...	...
Douglas	1,000	3.00	3,000	2,500	1.20	3,000	3,500	1.70	6,000
Elbert	7,000	3.15	22,000	20,000	1.50	30,000	27,000	1.95	52,000
El Paso	6,000	3.35	20,000	9,000	1.35	12,000	15,000	2.15	32,000
Kiowa	2,500	4.40	11,000	1,000	1.50	1,500	3,500	3.55	12,500
Kit Carson ..	5,000	5.60	28,000	1,000	1.50	1,500	6,000	4.90	29,500
Lincoln	600	3.35	2,000	3,000	1.85	5,500	3,600	2.10	7,500
Phillips	3,300	5.15	17,000	500	1.60	800	3,800	4.70	17,800
Washington ..	10,000	5.10	51,000	2,000	1.65	3,300	12,000	4.55	54,300
Yuma	15,300	6.35	97,000	2,200	1.65	3,600	17,500	5.75	100,600
East Central	60,000	4.85	290,000	45,000	1.50	68,000	105,000	3.40	358,000
Archuleta ...	2,200	2.25	5,000	800	1.25	1,000	3,000	2.00	6,000
Delta	21,600	3.00	65,000	400	1.75	700	22,000	3.00	65,700
Dolores	5,000	3.60	18,000	4,000	1.20	4,800	9,000	2.55	22,800
Garfield	23,500	3.15	74,000	500	1.20	600	24,000	3.10	74,600
Hinsdale .....	...	...	...	...	...	...	...	...	...
La Plata	24,100	2.95	71,000	1,900	1.10	2,100	26,000	2.80	73,100
Mesa	34,400	3.80	130,000	600	1.65	1,000	35,000	3.75	131,000
Montezuma ..	33,200	3.75	125,000	5,800	0.95	5,500	39,000	3.35	130,500
Montrose ...	19,600	3.80	74,000	400	1.25	500	20,000	3.75	74,500
Ouray	1,400	3.55	5,000	600	1.35	800	2,000	2.90	5,800
San Juan .....	...	...	...	...	...	...	...	...	...
San Miguel ..	5,000	2.60	13,000	...	...	...	5,000	2.60	13,000
Southwest	170,000	3.40	580,000	15,000	1.15	17,000	185,000	3.25	597,000
Alamosa	31,000	4.25	131,000	...	...	...	31,000	4.25	131,000
Conejos	42,000	3.00	125,000	...	...	...	42,000	3.00	125,000
Costilla	21,000	4.20	88,000	...	...	...	21,000	4.20	88,000
Mineral .....	...	...	...	...	...	...	...	...	...
Rio Grande ..	29,000	4.30	124,000	...	...	...	29,000	4.30	124,000
Saguache ...	37,000	3.30	122,000	...	...	...	37,000	3.30	122,000
San Luis Valley	160,000	3.70	590,000	...	...	...	160,000	3.70	590,000
Baca	6,300	6.05	38,000	200	1.50	300	6,500	5.90	38,300
Bent	34,700	4.60	160,000	300	2.35	700	35,000	4.60	160,700
Crowley	7,100	4.80	34,000	400	1.00	400	7,500	4.60	34,400
Custer	2,800	3.55	10,000	200	1.50	300	3,000	3.45	10,300
Fremont	6,800	3.10	21,000	200	1.50	300	7,000	3.05	21,300
Huerfano	7,500	2.40	18,000	500	1.60	800	8,000	2.35	18,800
Las Animas ..	12,400	3.05	38,000	1,600	2.05	3,300	14,000	2.95	41,300
Otero	19,700	4.60	91,000	300	1.65	500	20,000	4.60	91,500
Prowers	52,700	4.55	240,000	300	1.00	300	53,000	4.55	240,300
Pueblo	15,000	4.65	70,000	1,000	2.10	2,100	16,000	4.50	72,100
Southeast	165,000	4.35	720,000	5,000	1.80	9,000	170,000	4.30	729,000
State Total	800,000	4.10	3,280,000	100,000	1.40	140,000	900,000	3.80	3,420,000

Other Hay: Harvested Acres, Colorado, 1983-99 (000 Acres)



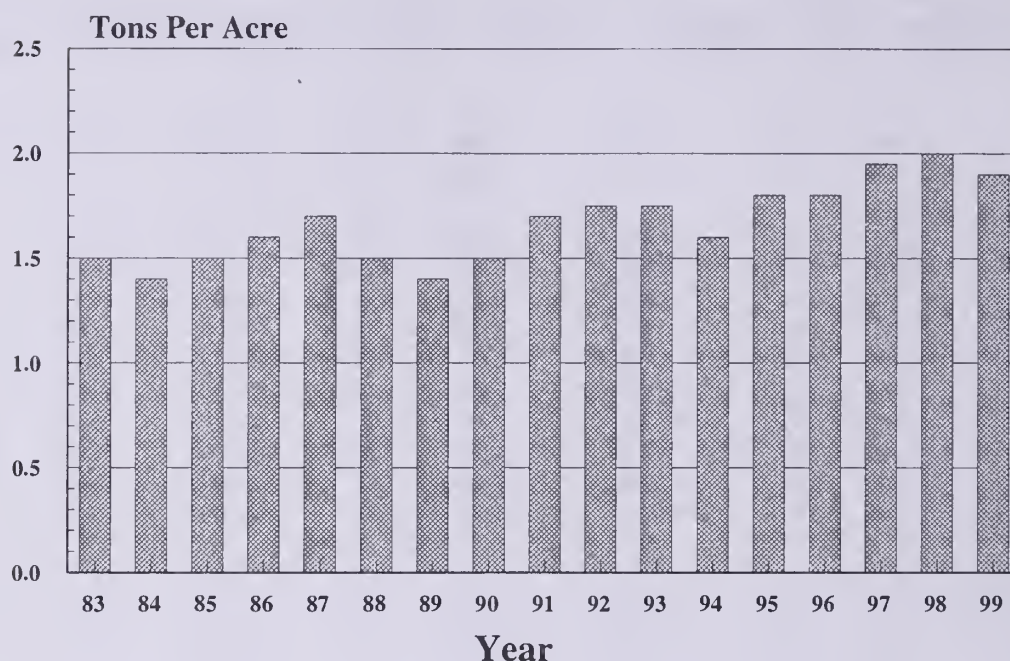
Other Hay: Acreage and production by county and district, Colorado, 1994

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	4,300	1.80	7,700	400	1.00	400	4,700	1.70	8,100
Clear Creek . .	200	2.00	400	...	...	...	200	2.00	400
Eagle	7,200	1.40	10,000	800	0.90	700	8,000	1.35	10,700
Gilpin . . . . .	...	...	...	...	...	...	...	...	...
Grand	24,400	1.35	32,500	600	0.85	500	25,000	1.30	33,000
Gunnison . . .	23,000	1.40	32,400	...	...	...	23,000	1.40	32,400
Jackson	70,000	1.15	78,900	5,000	1.00	5,000	75,000	1.10	83,900
Lake	600	1.35	800	...	...	...	600	1.35	800
Moffat	4,300	2.05	8,800	3,700	0.85	3,200	8,000	1.50	12,000
Park	2,500	1.05	2,600	1,500	1.00	1,500	4,000	1.00	4,100
Pitkin	2,500	1.55	3,900	...	...	...	2,500	1.55	3,900
Rio Blanco . .	11,000	2.25	24,500	1,000	1.30	1,300	12,000	2.15	25,800
Routt	19,500	1.70	32,800	3,500	1.10	3,800	23,000	1.60	36,600
Summit	3,000	1.05	3,200	...	...	...	3,000	1.05	3,200
Teller	500	1.00	500	500	1.20	600	1,000	1.10	1,100
NW & Mountain	173,000	1.40	239,000	17,000	1.00	17,000	190,000	1.35	256,000
Boulder	4,400	2.25	9,800	600	1.35	800	5,000	2.10	10,600
Jefferson . . .	700	1.00	700	1,300	1.00	1,300	2,000	1.00	2,000
Larimer	4,500	2.20	10,000	1,000	1.50	1,500	5,500	2.10	11,500
Logan	4,000	1.50	6,000	11,000	1.15	12,800	15,000	1.25	18,800
Morgan	800	2.50	2,000	1,700	1.00	1,700	2,500	1.50	3,700
Sedgwick . . .	600	1.35	800	400	2.00	800	1,000	1.60	1,600
Weld	5,000	2.15	10,700	4,000	1.25	5,100	9,000	1.75	15,800
Northeast	20,000	2.00	40,000	20,000	1.20	24,000	40,000	1.60	64,000

Other Hay: Acreage and production by county and district, Colorado, 1994, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	1,100	2.00	2,200	1,900	1.40	2,700	3,000	1.65	4,900
Arapahoe ...	200	3.00	600	1,800	0.90	1,600	2,000	1.10	2,200
Cheyenne ...	700	2.55	1,800	5,300	1.95	10,300	6,000	2.00	12,100
Denver .....	...	...	...	...	...	...	...	...	...
Douglas	900	1.80	1,600	4,100	1.00	4,100	5,000	1.15	5,700
Elbert	1,000	2.90	2,900	9,000	0.90	8,000	10,000	1.10	10,900
El Paso	1,400	2.00	2,800	6,600	0.95	6,400	8,000	1.15	9,200
Kiowa	200	2.00	400	3,800	1.75	6,600	4,000	1.75	7,000
Kit Carson ..	1,400	2.85	4,000	6,600	2.10	13,800	8,000	2.25	17,800
Lincoln	800	2.25	1,800	9,200	1.15	10,500	10,000	1.25	12,300
Phillips	300	2.35	700	1,700	1.20	2,000	2,000	1.35	2,700
Washington ..	1,400	1.95	2,700	10,600	1.20	12,600	12,000	1.25	15,300
Yuma	1,600	2.50	4,000	3,400	1.60	5,400	5,000	1.90	9,400
East Central	11,000	2.30	25,500	64,000	1.30	84,000	75,000	1.45	109,500
Archuleta ...	2,400	1.25	3,000	600	1.35	800	3,000	1.25	3,800
Delta	7,500	2.15	16,000	500	1.80	900	8,000	2.10	16,900
Dolores	300	2.35	700	200	1.50	300	500	2.00	1,000
Garfield	6,000	1.60	9,700	1,200	1.15	1,400	7,200	1.55	11,100
Hinsdale	800	1.40	1,100	...	...	...	800	1.40	1,100
La Plata	9,000	2.40	21,800	1,000	1.30	1,300	10,000	2.30	23,100
Mesa	7,700	2.10	16,200	300	1.00	300	8,000	2.05	16,500
Montezuma ..	5,700	2.30	13,100	800	1.00	800	6,500	2.15	13,900
Montrose ...	10,000	2.00	20,200	1,000	1.60	1,600	11,000	2.00	21,800
Ouray	6,800	1.65	11,200	200	1.50	300	7,000	1.65	11,500
San Juan .....	...	...	...	...	...	...	...	...	...
San Miguel ..	2,800	1.80	5,000	200	1.50	300	3,000	1.75	5,300
Southwest	59,000	2.00	118,000	6,000	1.35	8,000	65,000	1.95	126,000
Alamosa	8,600	1.70	14,800	400	1.50	600	9,000	1.70	15,400
Conejos	20,000	1.85	36,500	1,000	1.60	1,600	21,000	1.80	38,100
Costilla	2,800	2.15	6,000	200	2.00	400	3,000	2.15	6,400
Mineral	300	1.00	300	...	...	...	300	1.00	300
Rio Grande ..	10,700	2.30	24,500	300	1.65	500	11,000	2.25	25,000
Saguache ...	24,600	1.50	37,400	1,100	1.75	1,900	25,700	1.55	39,300
San Luis Valley	67,000	1.80	119,500	3,000	1.65	5,000	70,000	1.80	124,500
Baca	1,000	2.90	2,900	7,000	1.70	12,000	8,000	1.85	14,900
Bent	1,500	2.85	4,300	500	1.20	600	2,000	2.45	4,900
Crowley	500	2.60	1,300	500	1.60	800	1,000	2.10	2,100
Custer	9,600	2.20	21,000	400	1.50	600	10,000	2.15	21,600
Fremont	3,500	2.65	9,200	200	1.50	300	3,700	2.55	9,500
Huerfano	4,700	1.80	8,500	800	1.75	1,400	5,500	1.80	9,900
Las Animas ..	6,700	1.95	13,000	3,600	1.10	3,900	10,300	1.65	16,900
Otero	3,000	3.15	9,400	...	...	...	3,000	3.15	9,400
Prowers	1,400	3.55	5,000	1,100	1.10	1,200	2,500	2.50	6,200
Pueblo	3,100	2.40	7,400	900	1.35	1,200	4,000	2.15	8,600
Southeast	35,000	2.35	82,000	15,000	1.45	22,000	50,000	2.10	104,000
State Total	365,000	1.70	624,000	125,000	1.30	160,000	490,000	1.60	784,000

Other Hay: Yield Per Acre, Colorado, 1983-99 (Tons Per Acre)



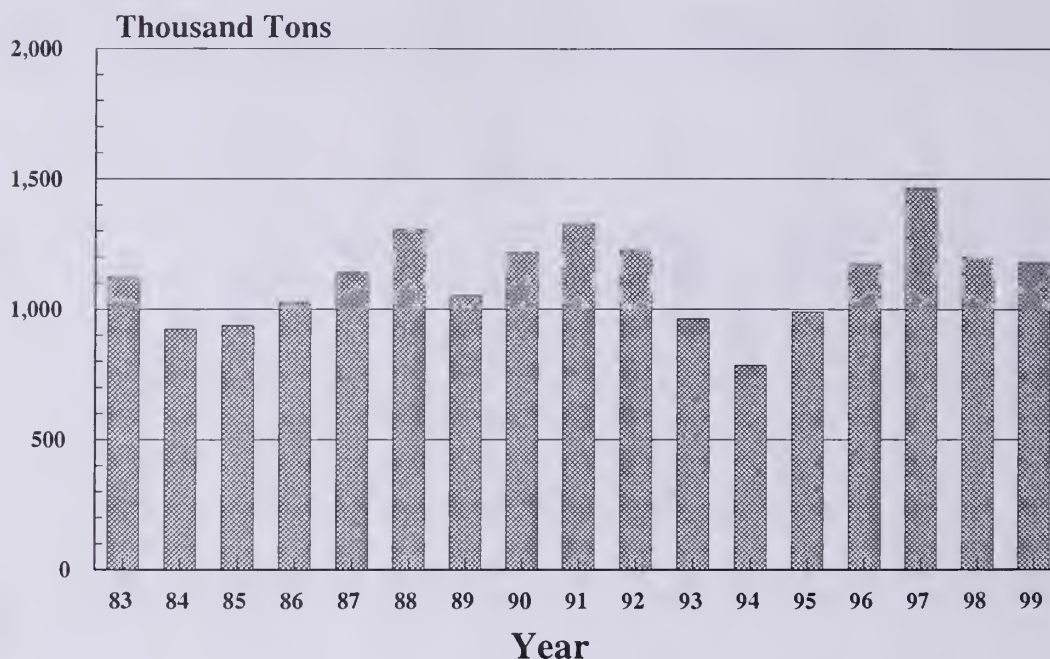
Other Hay: Acreage and production by county and district, Colorado, 1995

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	5,500	1.80	10,000	500	0.60	300	6,000	1.70	10,300
Clear Creek ..	...	...	...	...	...	...	...	...	...
Eagle	5,700	1.65	9,300	700	1.70	1,200	6,400	1.65	10,500
Gilpin .....	...	...	...	...	...	...	...	...	...
Grand	26,000	1.40	36,000	1,800	1.00	1,800	27,800	1.35	37,800
Gunnison ...	19,600	1.45	28,000	...	...	...	19,600	1.45	28,000
Jackson	63,000	1.45	90,000	2,200	0.65	1,400	65,200	1.40	91,400
Lake	400	1.75	700	...	...	...	400	1.75	700
Moffat	5,000	2.60	13,000	3,600	1.15	4,200	8,600	2.00	17,200
Park	4,100	1.00	4,000	1,600	0.90	1,400	5,700	0.95	5,400
Pitkin	3,000	1.65	5,000	...	...	...	3,000	1.65	5,000
Rio Blanco ..	13,000	2.70	35,000	1,000	1.40	1,400	14,000	2.60	36,400
Routt	20,000	2.20	44,000	3,300	1.80	6,000	23,300	2.15	50,000
Summit	3,500	1.45	5,000	...	...	...	3,500	1.45	5,000
Teller	1,200	1.65	2,000	300	1.00	300	1,500	1.55	2,300
NW & Mountain	170,000	1.65	282,000	15,000	1.20	18,000	185,000	1.60	300,000
Boulder	5,000	2.15	10,700	500	2.20	1,100	5,500	2.15	11,800
Jefferson	800	2.25	1,800	1,700	1.05	1,800	2,500	1.45	3,600
Larimer	6,500	2.15	14,000	1,000	2.70	2,700	7,500	2.25	16,700
Logan	7,500	2.15	16,000	10,500	1.25	13,000	18,000	1.60	29,000
Morgan	2,000	2.80	5,600	2,500	1.10	2,800	4,500	1.85	8,400
Sedgwick ...	1,200	3.25	3,900	800	1.40	1,100	2,000	2.50	5,000
Weld	14,000	2.00	28,000	6,000	1.25	7,500	20,000	1.80	35,500
Northeast	37,000	2.15	80,000	23,000	1.30	30,000	60,000	1.85	110,000

Other Hay: Acreage and production by county and district, Colorado, 1995, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	1,500	3.35	5,000	3,000	1.25	3,800	4,500	1.95	8,800
Arapahoe ...	500	2.60	1,300	4,500	1.05	4,700	5,000	1.20	6,000
Cheyenne ...	1,000	2.00	2,000	6,000	1.30	7,700	7,000	1.40	9,700
Denver .....	...	...	...	...	...	...	...	...	...
Douglas	1,000	1.70	1,700	5,000	0.90	4,500	6,000	1.05	6,200
Elbert	2,800	2.50	7,000	14,200	1.25	17,900	17,000	1.45	24,900
El Paso	2,200	1.70	3,700	7,800	1.10	8,500	10,000	1.20	12,200
Kiowa .....	...	...	...	5,000	1.00	5,000	5,000	1.00	5,000
Kit Carson ..	3,000	2.65	8,000	9,000	1.75	15,600	12,000	1.95	23,600
Lincoln	1,400	1.45	2,000	11,600	1.25	14,500	13,000	1.25	16,500
Phillips .....	...	...	...	2,500	1.30	3,300	2,500	1.30	3,300
Washington ..	2,000	2.90	5,800	14,000	1.45	20,000	16,000	1.60	25,800
Yuma	2,600	2.50	6,500	4,400	1.70	7,500	7,000	2.00	14,000
East Central	18,000	2.40	43,000	87,000	1.30	113,000	105,000	1.50	156,000
Archuleta ...	3,500	2.15	7,500	500	1.60	800	4,000	2.10	8,300
Delta	9,800	2.60	25,500	200	1.50	300	10,000	2.60	25,800
Dolores .....	...	...	...	500	1.40	700	500	1.40	700
Garfield	7,900	1.95	15,500	1,100	1.90	2,100	9,000	1.95	17,600
Hinsdale	1,000	2.50	2,500	...	...	...	1,000	2.50	2,500
La Plata	11,300	2.75	31,000	700	1.55	1,100	12,000	2.70	32,100
Mesa	9,300	2.30	21,500	700	1.70	1,200	10,000	2.25	22,700
Montezuma ..	5,200	2.90	15,000	800	1.15	900	6,000	2.65	15,900
Montrose	12,000	2.65	32,000	500	1.80	900	12,500	2.65	32,900
Ouray	7,000	2.00	14,000	...	...	...	7,000	2.00	14,000
San Juan .....	...	...	...	...	...	...	...	...	...
San Miguel ..	3,000	1.85	5,500	...	...	...	3,000	1.85	5,500
Southwest	70,000	2.45	170,000	5,000	1.60	8,000	75,000	2.35	178,000
Alamosa	10,000	2.15	21,500	...	...	...	10,000	2.15	21,500
Conejos	19,500	1.85	36,500	500	1.00	500	20,000	1.85	37,000
Costilla	4,000	1.65	6,500	...	...	...	4,000	1.65	6,500
Mineral .....	...	...	...	...	...	...	...	...	...
Rio Grande ..	10,000	2.30	23,000	...	...	...	10,000	2.30	23,000
Saguache	25,500	1.65	42,500	500	1.00	500	26,000	1.65	43,000
San Luis Valley	69,000	1.90	130,000	1,000	1.00	1,000	70,000	1.85	131,000
Baca	700	2.85	2,000	6,300	1.20	7,600	7,000	1.35	9,600
Bent	2,500	2.60	6,500	...	...	...	2,500	2.60	6,500
Crowley	800	2.50	2,000	1,200	1.40	1,700	2,000	1.85	3,700
Custer	9,500	2.05	19,500	1,000	1.70	1,700	10,500	2.00	21,200
Fremont	4,000	2.50	10,000	500	2.40	1,200	4,500	2.50	11,200
Huerfano	3,500	2.55	9,000	1,000	1.20	1,200	4,500	2.25	10,200
Las Animas ..	6,500	2.00	13,000	6,000	1.35	8,200	12,500	1.70	21,200
Otero	2,500	3.60	9,000	500	1.60	800	3,000	3.25	9,800
Prowers	3,000	3.35	10,000	1,000	1.20	1,200	4,000	2.80	11,200
Pueblo	3,000	3.00	9,000	1,500	0.95	1,400	4,500	2.30	10,400
Southeast	36,000	2.50	90,000	19,000	1.30	25,000	55,000	2.10	115,000
State Total	400,000	2.00	795,000	150,000	1.30	195,000	550,000	1.80	990,000

Other Hay: Production, Colorado, 1983-99 (000 Tons)



Other Hay: Acreage and production by county and district, Colorado, 1996

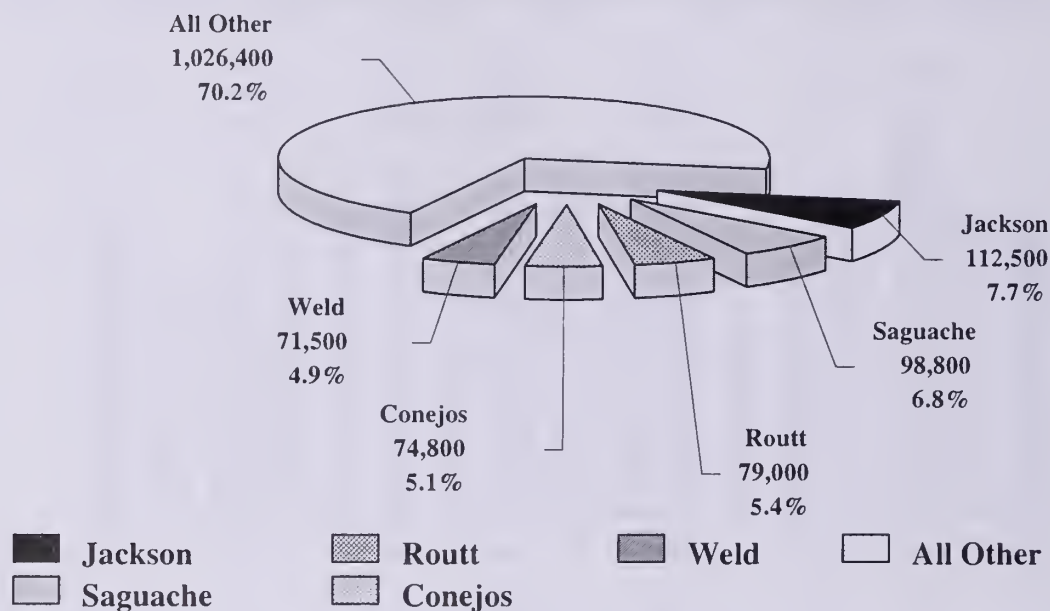
County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	7,500	2.00	15,000	500	0.60	300	8,000	1.90	15,300
Clear Creek . .	...	...	...	...	...	...	...	...	...
Eagle	7,500	1.35	10,000	500	1.20	600	8,000	1.35	10,600
Gilpin . . . . .	...	...	...	...	...	...	...	...	...
Grand	31,000	1.50	46,000	3,000	1.15	3,500	34,000	1.45	49,500
Gunnison . . .	26,000	1.25	33,000	...	...	...	26,000	1.25	33,000
Jackson	76,500	1.40	106,000	3,500	1.00	3,500	80,000	1.35	109,500
Lake	500	1.00	500	...	...	...	500	1.00	500
Moffat	10,000	2.30	23,000	5,000	0.85	4,300	15,000	1.80	27,300
Park	6,500	1.15	7,500	1,500	0.60	900	8,000	1.05	8,400
Pitkin	3,000	1.35	4,000	...	...	...	3,000	1.35	4,000
Rio Blanco . .	23,500	2.45	58,000	1,500	1.40	2,100	25,000	2.40	60,100
Routt	30,500	2.00	61,000	3,500	1.00	3,500	34,000	1.90	64,500
Summit	5,500	1.45	8,000	...	...	...	5,500	1.45	8,000
Teller	2,000	1.50	3,000	1,000	1.30	1,300	3,000	1.45	4,300
NW & Mountain	230,000	1.65	375,000	20,000	1.00	20,000	250,000	1.60	395,000
Boulder	5,400	2.30	12,500	600	1.00	600	6,000	2.20	13,100
Jefferson . . .	500	1.00	500	2,500	0.80	2,000	3,000	0.85	2,500
Larimer	6,500	2.60	17,000	1,500	1.20	1,800	8,000	2.35	18,800
Logan	5,400	2.70	14,500	9,400	1.30	12,000	14,800	1.80	26,500
Morgan	1,800	1.95	3,500	3,200	1.70	5,500	5,000	1.80	9,000
Sedgwick . . .	1,400	2.85	4,000	800	1.40	1,100	2,200	2.30	5,100
Weld	14,000	2.70	38,000	7,000	1.30	9,000	21,000	2.25	47,000
Northeast	35,000	2.55	90,000	25,000	1.30	32,000	60,000	2.05	122,000

Other Hay: Acreage and production by county and district, Colorado, 1996, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	1,300	2.70	3,500	3,700	1.30	4,800	5,000	1.65	8,300
Arapahoe . . .	800	3.15	2,500	7,200	0.90	6,500	8,000	1.15	9,000
Cheyenne . . .	800	2.50	2,000	8,200	1.95	15,800	9,000	2.00	17,800
Denver . . . . .	...	...	...	...	...	...	...	...	...
Douglas	1,500	1.15	1,700	5,500	0.90	5,000	7,000	0.95	6,700
Elbert	3,000	2.60	7,800	13,000	1.15	15,000	16,000	1.45	22,800
El Paso	2,700	2.20	6,000	11,300	0.95	11,000	14,000	1.20	17,000
Kiowa	500	4.00	2,000	7,500	2.45	18,500	8,000	2.55	20,500
Kit Carson . .	3,000	4.00	12,000	10,000	1.75	17,500	13,000	2.25	29,500
Lincoln	2,200	1.80	4,000	15,800	1.25	19,400	18,000	1.30	23,400
Phillips . . . . .	...	...	...	3,000	2.00	6,000	3,000	2.00	6,000
Washington . .	1,500	2.00	3,000	18,500	1.45	27,000	20,000	1.50	30,000
Yuma	2,700	2.05	5,500	6,300	2.15	13,500	9,000	2.10	19,000
East Central	20,000	2.50	50,000	110,000	1.45	160,000	130,000	1.60	210,000
Archuleta . . .	2,800	1.25	3,500	200	1.50	300	3,000	1.25	3,800
Delta	6,200	2.40	15,000	300	1.35	400	6,500	2.35	15,400
Dolores	800	1.90	1,500	...	...	...	800	1.90	1,500
Garfield	7,300	2.45	18,000	700	1.30	900	8,000	2.35	18,900
Hinsdale	700	1.45	1,000	...	...	...	700	1.45	1,000
La Plata	11,500	2.45	28,000	500	1.80	900	12,000	2.40	28,900
Mesa	7,800	1.90	15,000	200	2.00	400	8,000	1.95	15,400
Montezuma . .	5,200	2.30	12,000	800	1.00	800	6,000	2.15	12,800
Montrose . . .	9,700	2.90	28,000	300	1.00	300	10,000	2.85	28,300
Ouray	7,500	2.40	18,000	...	...	...	7,500	2.40	18,000
San Juan . . . .	...	...	...	...	...	...	...	...	...
San Miguel . .	2,500	2.00	5,000	...	...	...	2,500	2.00	5,000
Southwest	62,000	2.35	145,000	3,000	1.35	4,000	65,000	2.30	149,000
Alamosa	10,000	1.80	18,000	...	...	...	10,000	1.80	18,000
Conejos	19,200	1.90	36,000	800	1.50	1,200	20,000	1.85	37,200
Costilla	4,000	2.00	8,000	...	...	...	4,000	2.00	8,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...
Rio Grande . .	9,300	1.95	18,000	700	1.85	1,300	10,000	1.95	19,300
Saguache . . .	25,500	1.55	40,000	500	1.00	500	26,000	1.55	40,500
San Luis Valley	68,000	1.75	120,000	2,000	1.50	3,000	70,000	1.75	123,000
Baca	1,300	3.85	5,000	11,700	1.85	21,500	13,000	2.05	26,500
Bent	3,000	3.65	11,000	500	1.00	500	3,500	3.30	11,500
Crowley	1,000	2.50	2,500	2,500	1.40	3,500	3,500	1.70	6,000
Custer	14,000	1.85	26,000	1,000	1.20	1,200	15,000	1.80	27,200
Fremont	4,000	2.00	8,000	1,000	1.50	1,500	5,000	1.90	9,500
Huerfano	4,200	3.45	14,500	800	1.90	1,500	5,000	3.20	16,000
Las Animas . .	7,500	2.45	18,500	6,500	1.50	9,700	14,000	2.00	28,200
Otero	2,800	3.20	9,000	200	1.50	300	3,000	3.10	9,300
Prowers	4,000	3.65	14,500	4,000	2.20	8,800	8,000	2.90	23,300
Pueblo	3,200	3.45	11,000	1,800	1.40	2,500	5,000	2.70	13,500
Southeast	45,000	2.65	120,000	30,000	1.70	51,000	75,000	2.30	171,000
State Total	460,000	1.95	900,000	190,000	1.40	270,000	650,000	1.80	1,170,000

Other Hay Production - 1997 Crop Top Five Counties, Colorado

Production in Tons and Percent of Total



Other Hay: Acreage and production by county and district, Colorado, 1997

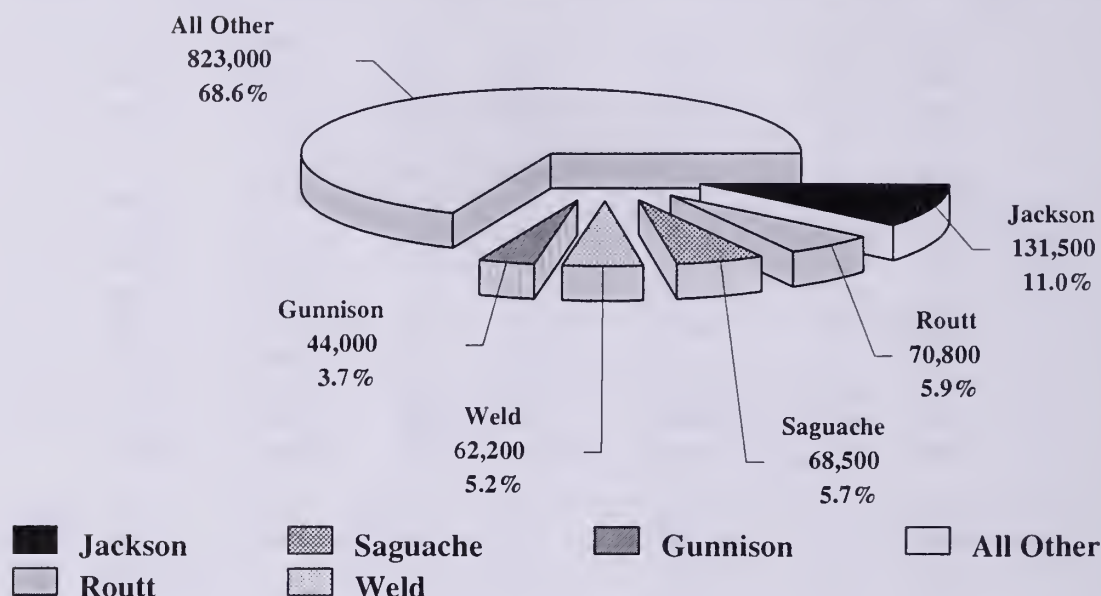
County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	9,000	2.15	19,500	1,000	1.20	1,200	10,000	2.05	20,700
Clear Creek ..	500	2.00	1,000	...	...	...	500	2.00	1,000
Eagle	9,000	1.95	17,500	1,000	1.50	1,500	10,000	1.90	19,000
Gilpin .....	...	...	...	...	...	...	...	...	...
Grand	24,500	1.65	40,000	1,500	1.35	2,000	26,000	1.60	42,000
Gunnison ...	26,500	1.40	37,500	1,500	1.35	2,000	28,000	1.40	39,500
Jackson	75,000	1.40	105,000	6,000	1.25	7,500	81,000	1.40	112,500
Lake	500	1.00	500	...	...	...	500	1.00	500
Moffat	8,100	2.45	20,000	5,400	1.10	5,900	13,500	1.90	25,900
Park	9,000	1.20	11,000	1,500	1.35	2,000	10,500	1.25	13,000
Pitkin	1,500	1.65	2,500	500	1.40	700	2,000	1.60	3,200
Rio Blanco ..	17,300	2.60	45,000	2,200	1.80	4,000	19,500	2.50	49,000
Routt	31,100	2.40	75,000	3,400	1.20	4,000	34,500	2.30	79,000
Summit	6,000	1.90	11,500	...	...	...	6,000	1.90	11,500
Teller	2,000	2.00	4,000	1,000	1.20	1,200	3,000	1.75	5,200
NW & Mountain	220,000	1.75	390,000	25,000	1.30	32,000	245,000	1.70	422,000
Boulder	9,000	2.65	24,000	3,000	1.50	4,500	12,000	2.40	28,500
Jefferson	700	1.45	1,000	2,500	1.00	2,500	3,200	1.10	3,500
Larimer	13,500	2.15	29,000	4,000	1.00	4,000	17,500	1.90	33,000
Logan	4,000	1.75	7,000	10,000	1.60	16,000	14,000	1.65	23,000
Morgan	1,800	2.20	4,000	3,500	1.45	5,100	5,300	1.70	9,100
Sedgwick ...	1,500	2.00	3,000	1,000	1.40	1,400	2,500	1.75	4,400
Weld	13,500	2.60	35,000	22,000	1.65	36,500	35,500	2.00	71,500
Northeast	44,000	2.35	103,000	46,000	1.50	70,000	90,000	1.90	173,000

Other Hay: Acreage and production by county and district, Colorado, 1997, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	1,500	2.00	3,000	4,500	1.35	6,000	6,000	1.50	9,000
Arapahoe . . .	1,500	2.00	3,000	7,500	1.80	13,500	9,000	1.85	16,500
Cheyenne . . .	1,000	2.00	2,000	6,000	1.85	11,000	7,000	1.85	13,000
Denver . . . . .	...	...	...	...	...	...	...	...	...
Douglas	2,000	1.50	3,000	6,500	1.40	9,000	8,500	1.40	12,000
Elbert	2,000	2.25	4,500	12,000	1.80	21,500	14,000	1.85	26,000
El Paso	3,000	2.00	6,000	12,000	1.60	19,000	15,000	1.65	25,000
Kiowa	500	3.00	1,500	4,000	2.25	9,000	4,500	2.35	10,500
Kit Carson . .	2,500	3.20	8,000	9,500	1.90	18,000	12,000	2.15	26,000
Lincoln	2,000	2.00	4,000	21,000	1.75	37,000	23,000	1.80	41,000
Phillips . . . . .	...	...	...	2,000	1.50	3,000	2,000	1.50	3,000
Washington . .	2,000	2.50	5,000	19,000	2.00	38,000	21,000	2.05	43,000
Yuma	4,000	2.50	10,000	9,000	2.20	20,000	13,000	2.30	30,000
East Central	22,000	2.25	50,000	113,000	1.80	205,000	135,000	1.90	255,000
Archuleta . . .	2,000	1.85	3,700	500	1.80	900	2,500	1.85	4,600
Delta	9,000	2.40	21,500	1,000	2.00	2,000	10,000	2.35	23,500
Dolores	1,000	2.00	2,000	...	...	...	1,000	2.00	2,000
Garfield	7,400	2.10	15,500	1,100	1.55	1,700	8,500	2.00	17,200
Hinsdale	500	1.60	800	...	...	...	500	1.60	800
La Plata	12,500	2.75	34,500	3,500	2.35	8,200	16,000	2.65	42,700
Mesa	7,500	2.80	21,000	500	2.00	1,000	8,000	2.75	22,000
Montezuma . .	7,300	2.60	19,000	700	1.70	1,200	8,000	2.55	20,200
Montrose . . .	10,500	2.50	26,500	1,000	1.90	1,900	11,500	2.45	28,400
Ouray	7,400	2.45	18,000	600	1.65	1,000	8,000	2.40	19,000
San Juan . . . .	...	...	...	...	...	...	...	...	...
San Miguel . .	900	2.80	2,500	100	1.00	100	1,000	2.60	2,600
Southwest	66,000	2.50	165,000	9,000	2.00	18,000	75,000	2.45	183,000
Alamosa	15,600	1.65	26,000	400	1.50	600	16,000	1.65	26,600
Conejos	38,000	1.90	72,000	2,000	1.40	2,800	40,000	1.85	74,800
Costilla	6,600	2.35	15,500	400	1.50	600	7,000	2.30	16,100
Mineral . . . . .	...	...	...	...	...	...	...	...	...
Rio Grande . .	21,300	2.30	49,500	700	1.70	1,200	22,000	2.30	50,700
Saguache . . .	53,500	1.80	97,000	1,500	1.20	1,800	55,000	1.80	98,800
San Luis Valley	135,000	1.95	260,000	5,000	1.40	7,000	140,000	1.90	267,000
Baca	2,000	3.25	6,500	9,000	1.60	14,500	11,000	1.90	21,000
Bent	5,200	2.90	15,000	1,800	1.20	2,200	7,000	2.45	17,200
Crowley	1,700	3.25	5,500	800	1.40	1,100	2,500	2.65	6,600
Custer	12,500	3.05	38,000	1,500	1.85	2,800	14,000	2.90	40,800
Fremont	2,800	2.85	8,000	400	1.75	700	3,200	2.70	8,700
Huerfano	4,800	2.40	11,500	500	1.80	900	5,300	2.35	12,400
Las Animas . .	3,900	2.55	10,000	3,000	1.25	3,800	6,900	2.00	13,800
Otero	4,000	3.50	14,000	...	...	...	4,000	3.50	14,000
Prowers	2,800	2.85	8,000	2,500	2.20	5,500	5,300	2.55	13,500
Pueblo	3,300	3.50	11,500	2,500	1.40	3,500	5,800	2.60	15,000
Southeast	43,000	3.00	128,000	22,000	1.60	35,000	65,000	2.50	163,000
State Total	530,000	2.05	1,096,000	220,000	1.65	367,000	750,000	1.95	1,463,000

Other Hay Production - 1998 Crop Top Five Counties, Colorado

Production in Tons and Percent of Total



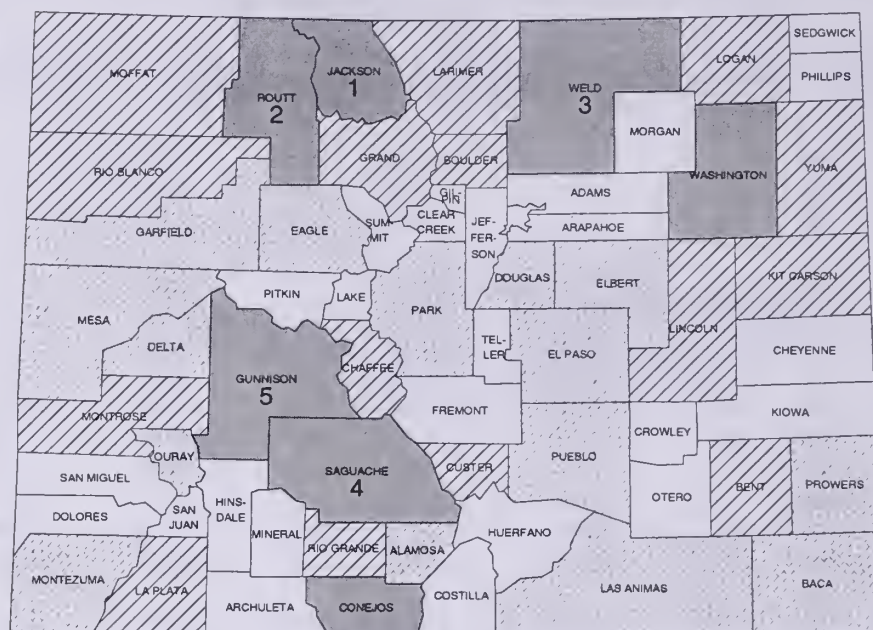
Other Hay: Acreage and production by county and district, Colorado, 1998

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	8,200	1.90	15,600	800	1.25	1,000	9,000	1.85	16,600
Clear Creek . .	500	1.40	700	...	...	...	500	1.40	700
Eagle	7,300	1.20	8,700	700	1.45	1,000	8,000	1.20	9,700
Gilpin . . . . .	...	...	...	...	...	...	...	...	...
Grand	17,000	1.50	25,300	1,000	1.30	1,300	18,000	1.50	26,600
Gunnison . . .	23,700	1.80	42,300	1,300	1.30	1,700	25,000	1.75	44,000
Jackson	72,600	1.70	125,000	5,400	1.20	6,500	78,000	1.70	131,500
Lake	500	1.00	500	...	...	...	500	1.00	500
Moffat	6,100	2.45	15,000	3,900	1.00	3,900	10,000	1.90	18,900
Park	6,700	1.25	8,500	1,300	1.10	1,400	8,000	1.25	9,900
Pitkin	1,100	1.35	1,500	400	1.25	500	1,500	1.35	2,000
Rio Blanco . .	10,700	2.65	28,200	1,300	1.75	2,300	12,000	2.55	30,500
Routt	29,800	2.25	66,400	3,200	1.40	4,400	33,000	2.15	70,800
Summit	4,500	1.10	5,000	...	...	...	4,500	1.10	5,000
Teller	1,300	1.75	2,300	700	1.45	1,000	2,000	1.65	3,300
NW & Mountain	190,000	1.80	345,000	20,000	1.25	25,000	210,000	1.75	370,000
Boulder	6,800	2.75	18,700	2,200	1.35	3,000	9,000	2.40	21,700
Jefferson . . .	500	3.00	1,500	2,000	1.00	2,000	2,500	1.40	3,500
Larimer	7,700	2.05	15,600	2,300	1.00	2,300	10,000	1.80	17,900
Logan	4,000	2.70	10,800	9,500	1.65	15,500	13,500	1.95	26,300
Morgan	1,800	2.80	5,000	3,200	1.20	3,800	5,000	1.75	8,800
Sedgwick . . .	1,200	2.65	3,200	800	1.75	1,400	2,000	2.30	4,600
Weld	11,000	3.10	34,200	17,000	1.65	28,000	28,000	2.20	62,200
Northeast	33,000	2.70	89,000	37,000	1.50	56,000	70,000	2.05	145,000

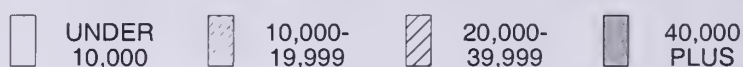
Other Hay: Acreage and production by county and district, Colorado, 1998, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	1,000	1.70	1,700	4,500	1.35	6,000	5,500	1.40	7,700
Arapahoe ...	1,500	1.80	2,700	4,500	1.70	7,600	6,000	1.70	10,300
Cheyenne ...	500	3.60	1,800	6,000	2.10	12,500	6,500	2.20	14,300
Denver .....	...	...	...	...	...	...	...	...	...
Douglas	1,500	2.65	4,000	6,500	1.25	8,000	8,000	1.50	12,000
Elbert	1,600	3.30	5,300	8,400	1.65	14,000	10,000	1.95	19,300
El Paso	2,700	1.85	5,000	7,300	1.70	12,400	10,000	1.75	17,400
Kiowa	500	2.00	1,000	2,500	2.40	6,000	3,000	2.35	7,000
Kit Carson ..	2,500	3.60	9,000	9,500	2.00	19,000	12,000	2.35	28,000
Lincoln	2,000	2.00	4,000	19,000	1.85	35,000	21,000	1.85	39,000
Phillips .....	...	...	...	3,000	2.35	7,000	3,000	2.35	7,000
Washington ..	2,000	4.00	8,000	18,000	1.80	32,000	20,000	2.00	40,000
Yuma	3,200	2.65	8,500	6,800	2.30	15,500	10,000	2.40	24,000
East Central	19,000	2.70	51,000	96,000	1.80	175,000	115,000	1.95	226,000
Archuleta ...	1,300	3.10	4,000	200	2.00	400	1,500	2.95	4,400
Delta	7,500	2.80	21,000	500	2.00	1,000	8,000	2.75	22,000
Dolores	700	1.00	700	300	2.00	600	1,000	1.30	1,300
Garfield	6,400	2.65	17,000	600	2.00	1,200	7,000	2.60	18,200
Hinsdale	500	3.00	1,500	...	...	...	500	3.00	1,500
La Plata	9,700	2.60	25,000	2,300	2.40	5,500	12,000	2.55	30,500
Mesa	6,400	2.00	12,700	600	1.50	900	7,000	1.95	13,600
Montezuma ..	5,600	2.85	16,000	400	1.75	700	6,000	2.80	16,700
Montrose ...	9,300	2.65	24,800	700	1.45	1,000	10,000	2.60	25,800
Ouray	5,600	1.85	10,400	400	1.75	700	6,000	1.85	11,100
San Juan .....	...	...	...	...	...	...	...	...	...
San Miguel ..	1,000	1.90	1,900	...	...	...	1,000	1.90	1,900
Southwest	54,000	2.50	135,000	6,000	2.00	12,000	60,000	2.45	147,000
Alamosa	8,600	2.15	18,500	400	1.50	600	9,000	2.10	19,100
Conejos	21,000	1.85	38,500	1,000	1.30	1,300	22,000	1.80	39,800
Costilla	2,700	1.80	4,800	300	1.35	400	3,000	1.75	5,200
Mineral .....	...	...	...	...	...	...	...	...	...
Rio Grande ..	15,500	2.60	40,600	500	1.60	800	16,000	2.60	41,400
Saguache ...	39,200	1.70	67,600	800	1.15	900	40,000	1.70	68,500
San Luis Valley	87,000	1.95	170,000	3,000	1.35	4,000	90,000	1.95	174,000
Baca	1,700	4.20	7,100	7,300	1.50	11,000	9,000	2.00	18,100
Bent	4,200	3.20	13,500	1,300	1.40	1,800	5,500	2.80	15,300
Crowley	700	3.30	2,300	1,300	1.55	2,000	2,000	2.15	4,300
Custer	9,900	2.65	26,300	1,100	1.35	1,500	11,000	2.55	27,800
Fremont	2,200	3.30	7,300	300	1.65	500	2,500	3.10	7,800
Huerfano	4,500	3.40	15,300	500	1.80	900	5,000	3.25	16,200
Las Animas ..	4,000	1.85	7,400	2,500	1.50	3,700	6,500	1.70	11,100
Otero	3,000	3.00	9,000	...	...	...	3,000	3.00	9,000
Prowers	3,000	2.75	8,300	2,000	2.20	4,400	5,000	2.55	12,700
Pueblo	3,800	3.55	13,500	1,700	1.30	2,200	5,500	2.85	15,700
Southeast	37,000	2.95	110,000	18,000	1.55	28,000	55,000	2.50	138,000
State Total	420,000	2.15	900,000	180,000	1.65	300,000	600,000	2.00	1,200,000

Other Hay: Production by County, Colorado, 1999 with Ranking of First Five Counties



TONS



Other Hay: Acreage and production by county and district, Colorado, 1999

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	10,000	2.40	24,000	1,000	1.30	1,300	11,000	2.30	25,300
Clear Creek . .	500	1.00	500	...	...	...	500	1.00	500
Eagle	10,500	1.35	14,000	500	1.60	800	11,000	1.35	14,800
Gilpin . . . . .	...	...	...	...	...	...	...	...	...
Grand	22,700	1.55	35,000	2,300	1.00	2,300	25,000	1.50	37,300
Gunnison . . .	25,000	1.70	43,000	1,000	1.50	1,500	26,000	1.70	44,500
Jackson	74,500	1.60	121,000	5,500	1.00	5,500	80,000	1.60	126,500
Lake	500	1.00	500	...	...	...	500	1.00	500
Moffat	8,000	2.25	18,000	4,000	1.55	6,100	12,000	2.00	24,100
Park	8,200	1.20	10,000	1,800	0.90	1,600	10,000	1.15	11,600
Pitkin	1,800	1.65	3,000	200	1.50	300	2,000	1.65	3,300
Rio Blanco . .	13,800	2.40	33,000	1,200	1.65	2,000	15,000	2.35	35,000
Routt	30,000	2.15	65,000	5,000	1.60	8,000	35,000	2.10	73,000
Summit	5,000	1.30	6,500	...	...	...	5,000	1.30	6,500
Teller	1,500	1.00	1,500	500	1.20	600	2,000	1.05	2,100
NW & Mountain	212,000	1.75	375,000	23,000	1.30	30,000	235,000	1.70	405,000
Boulder	7,000	2.70	19,000	2,000	1.00	2,000	9,000	2.35	21,000
Jefferson	1,500	1.35	2,000	1,500	1.95	2,900	3,000	1.65	4,900
Larimer	11,000	2.20	24,000	2,000	1.25	2,500	13,000	2.05	26,500
Logan	6,000	1.85	11,000	8,000	1.75	14,000	14,000	1.80	25,000
Morgan	1,500	2.65	4,000	2,500	1.70	4,300	4,000	2.10	8,300
Sedgwick	500	2.00	1,000	500	1.60	800	1,000	1.80	1,800
Weld	13,500	2.90	39,000	12,500	1.50	18,500	26,000	2.20	57,500
Northeast	41,000	2.45	100,000	29,000	1.55	45,000	70,000	2.05	145,000

Other Hay: Acreage and production by county and district, Colorado, 1999, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production	Acreage Harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	1,000	2.00	2,000	4,000	1.90	7,500	5,000	1.90	9,500
Arapahoe . . .	1,000	2.50	2,500	4,000	1.50	6,000	5,000	1.70	8,500
Cheyenne . . .	500	3.60	1,800	4,500	1.80	8,000	5,000	1.95	9,800
Denver . . . . .	...	...	...	...	...	...	...	...	...
Douglas	3,000	1.50	4,500	7,000	0.95	6,500	10,000	1.10	11,000
Elbert	1,000	2.00	2,000	9,000	1.55	14,000	10,000	1.60	16,000
El Paso	3,000	2.50	7,500	8,500	1.40	12,000	11,500	1.70	19,500
Kiowa	500	3.00	1,500	3,500	1.70	6,000	4,000	1.90	7,500
Kit Carson . .	2,500	2.60	6,500	7,500	2.15	16,000	10,000	2.25	22,500
Lincoln	1,000	2.70	2,700	14,000	1.80	25,000	15,000	1.85	27,700
Phillips	500	2.00	1,000	2,000	1.75	3,500	2,500	1.80	4,500
Washington . .	3,000	2.00	6,000	19,000	2.00	38,000	22,000	2.00	44,000
Yuma	4,000	3.00	12,000	6,000	2.10	12,500	10,000	2.45	24,500
East Central	21,000	2.40	50,000	89,000	1.75	155,000	110,000	1.85	205,000
Archuleta . . .	1,200	1.65	2,000	500	1.00	500	1,700	1.45	2,500
Delta	7,200	2.55	18,500	400	2.00	800	7,600	2.55	19,300
Dolores	900	1.90	1,700	300	2.00	600	1,200	1.90	2,300
Garfield	5,900	2.20	13,000	600	1.50	900	6,500	2.15	13,900
Hinsdale	1,000	2.00	2,000	...	...	...	1,000	2.00	2,000
La Plata	7,800	2.70	21,000	2,200	1.60	3,500	10,000	2.45	24,500
Mesa	5,400	2.40	13,000	600	1.00	600	6,000	2.25	13,600
Montezuma . . .	8,200	2.30	19,000	300	1.35	400	8,500	2.30	19,400
Montrose	9,300	2.45	23,000	700	1.30	900	10,000	2.40	23,900
Ouray	6,100	2.45	15,000	400	2.00	800	6,500	2.45	15,800
San Juan . . . .	...	...	...	...	...	...	...	...	...
San Miguel . . .	1,000	1.80	1,800	...	...	...	1,000	1.80	1,800
Southwest	54,000	2.40	130,000	6,000	1.50	9,000	60,000	2.30	139,000
Alamosa	8,300	2.05	17,000	200	1.00	200	8,500	2.00	17,200
Conejos	22,400	1.75	39,000	1,600	1.15	1,800	24,000	1.70	40,800
Costilla	2,300	2.60	6,000	200	1.00	200	2,500	2.50	6,200
Mineral . . . . .	...	...	...	...	...	...	...	...	...
Rio Grande . . .	16,700	2.20	37,000	300	1.00	300	17,000	2.20	37,300
Saguache	37,300	1.50	56,000	700	0.70	500	38,000	1.50	56,500
San Luis Valley	87,000	1.80	155,000	3,000	1.00	3,000	90,000	1.75	158,000
Baca	1,400	3.55	5,000	5,600	2.15	12,000	7,000	2.45	17,000
Bent	5,000	4.00	20,000	1,500	1.60	2,400	6,500	3.45	22,400
Crowley	200	2.50	500	1,500	2.80	4,200	1,700	2.75	4,700
Custer	9,000	2.65	24,000	1,000	1.50	1,500	10,000	2.55	25,500
Fremont	3,200	2.20	7,000	300	1.35	400	3,500	2.10	7,400
Huerfano	3,200	2.05	6,500	800	1.00	800	4,000	1.85	7,300
Las Animas . . .	3,800	1.20	4,500	4,000	1.50	6,000	7,800	1.35	10,500
Otero	2,000	2.00	4,000	500	1.60	800	2,500	1.90	4,800
Prowers	3,500	2.30	8,000	3,500	1.95	6,900	7,000	2.15	14,900
Pueblo	3,700	2.85	10,500	1,300	0.75	1,000	5,000	2.30	11,500
Southeast	35,000	2.55	90,000	20,000	1.80	36,000	55,000	2.30	126,000
State Total	450,000	2.00	900,000	170,000	1.65	278,000	620,000	1.90	1,178,000

Wheat, Barley and Oats: On-farm, off-farm and total stocks, Colorado, 1988-00

Year/Month	All Wheat			Barley			Oats ^{1/}
	On-farm	Off-farm	Total	On-farm	Off-farm	Total	Off-farm
1,000 Bushels							
1988 March 1	36,000	41,800	77,800	^{2/}	^{2/}	^{2/}	^{4/}
June 1	22,000	24,500	46,500	2,800	5,200	8,000	^{3/}
September 1	50,000	47,900	97,900	6,000	6,100	12,100	^{4/}
December 1	40,000	35,200	75,200	5,500	7,750	13,250	^{4/}
1989 March 1	29,000	24,915	53,915	2,700	6,805	9,505	^{4/}
June 1	19,000	12,565	31,565	1,200	3,872	5,072	288
September 1	40,000	35,275	75,275	6,000	4,280	10,280	^{4/}
December 1	34,000	25,300	59,300	2,600	6,090	8,690	^{4/}
1990 March 1	17,000	20,275	37,275	1,700	5,690	7,390	195
June 1	10,000	10,000	20,000	310	3,615	3,925	155
September 1	42,000	38,335	80,335	6,800	2,810	9,610	455
December 1	31,500	34,015	65,515	3,400	5,405	8,805	160
1991 March 1	21,000	26,920	47,920	1,200	5,140	6,340	155
June 1	11,000	14,925	25,925	1,000	4,040	5,040	120
September 1	39,000	42,230	81,230	6,000	5,470	11,470	182
December 1	25,000	26,840	51,840	3,700	7,600	11,300	220
1992 March 1	10,500	21,380	31,880	1,500	7,875	9,375	169
June 1	5,000	11,250	16,250	350	6,535	6,885	124
September 1	30,000	41,000	71,000	4,800	6,845	11,645	210
December 1	18,500	29,690	48,190	2,000	7,485	9,485	235
1993 March 1	9,500	21,855	31,355	1,050	6,090	7,140	167
June 1	5,500	9,690	15,190	650	5,930	6,580	155
September 1	34,000	45,000	79,000	5,000	5,850	10,850	185
December 1	30,000	31,500	61,500	2,600	6,255	8,855	136
1994 March 1	13,000	23,440	36,440	925	5,060	5,985	133
June 1	5,000	11,500	16,500	250	4,530	4,780	88
September 1	36,000	32,500	68,500	3,000	5,820	8,820	110
December 1	20,000	27,400	47,400	2,200	6,180	8,380	145
1995 March 1	9,000	21,350	30,350	800	5,285	6,085	198
June 1	5,000	10,950	15,950	325	3,380	3,705	125
September 1	30,000	46,150	76,150	6,000	4,420	10,420	125
December 1	17,000	30,090	47,090	1,300	4,365	5,665	155
1996 March 1	6,500	21,550	28,050	325	5,920	6,245	135
June 1	2,500	11,700	14,200	50	4,420	4,470	100
September 1	33,000	30,935	63,935	5,200	5,025	10,225	120
December 1	19,000	21,140	40,140	1,700	8,145	9,845	90
1997 March 1	8,000	16,800	24,800	510	6,470	6,980	82
June 1	3,500	8,970	12,470	215	4,920	5,135	75
September 1	36,000	40,890	76,890	4,500	^{3/}	^{3/}	90
December 1	26,500	32,500	59,000	2,000	7,035	9,035	140
1998 March 1	19,000	25,160	44,160	^{4/}	6,075	^{4/}	112
June 1	8,500	16,740	25,240	^{4/}	^{3/}	^{4/}	84
September 1	37,000	45,470	82,470	^{4/}	4,915	^{4/}	80
December 1	32,000	35,644	67,644	^{4/}	7,038	^{4/}	^{3/}
1999 March 1	22,000	26,210	48,210	^{4/}	7,080	^{4/}	87
June 1	14,500	19,760	34,260	^{4/}	4,170	^{4/}	88
September 1	37,000	45,470	82,470	^{4/}	5,085	^{4/}	94
December 1	25,000	39,200	64,200	^{4/}	4,905	^{4/}	105
2000 March 1	19,000	33,990	52,990	^{4/}	3,980	^{4/}	90

^{1/} Only off-farm stocks estimated.

^{2/} Quarterly estimates discontinued April 1986; resumed September 1988.

^{3/} Data not published to avoid disclosure of individual operations.

^{4/} Not estimated.

Corn and Sorghum: On-farm, off-farm and total stocks, Colorado, 1988-00

Year/Month		Corn			Sorghum		
		On-farm	Off-farm	Total	On-farm	Off-farm	Total
1,000 Bushels							
1988	March 1	60,000	28,700	88,700	<u>1/</u>	<u>1/</u>	<u>1/</u>
	June 1	23,000	22,560	45,560	1,000	4,400	5,400
	September 1	12,000	16,650	28,650	850	4,150	5,000
	December 1	70,000	37,175	107,175	<u>1/</u>	<u>1/</u>	<u>1/</u>
1989	March 1	45,000	25,365	70,365	<u>1/</u>	<u>1/</u>	<u>1/</u>
	June 1	21,000	15,135	36,135	1,800	2,376	4,176
	September 1	11,000	8,760	19,760	1,000	2,110	3,110
	December 1	60,000	26,355	86,355	<u>1/</u>	<u>1/</u>	<u>1/</u>
1990	March 1	35,000	15,240	50,240	1,300	2,690	3,990
	June 1	16,000	6,875	22,875	900	1,805	2,705
	September 1	10,000	2,450	12,450	500	1,480	1,980
	December 1	45,000	22,755	67,755	2,000	3,240	5,240
1991	March 1	30,000	13,060	43,060	1,200	1,960	3,160
	June 1	18,000	8,800	26,800	400	995	1,395
	September 1	8,500	3,325	11,825	150	540	690
	December 1	64,000	28,140	92,140	2,800	3,830	6,630
1992	March 1	38,000	18,670	56,670	1,100	1,028	2,128
	June 1	15,000	11,575	26,575	500	993	1,493
	September 1	6,500	2,835	9,335	150	260	410
	December 1	54,000	24,685	78,685	1,400	1,840	3,240
1993	March 1	40,000	18,970	58,970	900	1,260	2,160
	June 1	20,000	12,375	32,375	550	757	1,307
	September 1	9,000	4,670	13,670	300	735	1,035
	December 1	40,000	18,640	58,640	1,600	2,450	4,050
1994	March 1	32,000	14,500	46,500	1,400	2,150	3,550
	June 1	15,000	7,275	22,275	900	1,030	1,930
	September 1	3,700	2,260	5,960	170	180	350
	December 1	50,000	30,600	80,600	1,700	2,750	4,450
1995	March 1	33,000	20,880	53,880	1,100	2,170	3,270
	June 1	13,000	10,930	23,930	350	1,370	1,720
	September 1	7,500	2,980	10,480	100	850	950
	December 1	38,000	21,355	59,355	900	1,590	2,490
1996	March 1	19,000	13,850	32,850	600	750	1,350
	June 1	6,000	5,700	11,700	600	345	945
	September 1	2,500	1,360	3,860	60	65	125
	December 1	50,000	28,445	78,445	3,500	3,415	6,915
1997	March 1	32,000	18,500	50,500	1,300	1,400	2,700
	June 1	16,000	10,200	26,200	600	600	1,200
	September 1	5,000	2,070	7,070	270	225	495
	December 1	60,000	32,600	92,600	1,800	2,050	3,850
1998	March 1	38,000	21,480	59,480	<u>2/</u>	1,390	<u>2/</u>
	June 1	22,000	11,155	33,155	<u>2/</u>	730	<u>2/</u>
	September 1	7,000	4,690	11,690	<u>2/</u>	290	<u>2/</u>
	December 1	65,000	39,432	104,432	<u>2/</u>	2,900	<u>2/</u>
1999	March 1	40,000	27,635	67,635	<u>2/</u>	2,605	<u>2/</u>
	June 1	25,000	15,740	40,740	<u>2/</u>	440	<u>2/</u>
	September 1	8,400	5,990	14,390	<u>2/</u>	420	<u>2/</u>
	December 1	57,000	39,850	96,850	<u>2/</u>	3,800	<u>2/</u>
2000	March 1	35,000	27,760	62,760	<u>2/</u>	2,280	<u>2/</u>

1/ Quarterly estimates discontinued April 1986; resumed March 1990.

2/ Not estimated.

All Hay: Production and stocks on farms, Colorado, 1974-99

Year	Production	January 1 ^{1/} ^{2/}		May 1 ^{1/}	
		Stocks	% of Prod.	Stocks	% of Prod.
	1,000 Tons	1,000 Tons	Percent	1,000 Tons	Percent
1974	2,866	1,892	66	373	13
1975	2,972	1,843	62	476	16
1976	3,126	1,907	61	531	17
1977	2,890	1,850	64	578	20
1978	3,228	2,034	63	484	15
1979	3,574	2,359	66	715	20
1980	3,276	2,129	65	590	18
1981	3,105	2,018	65	652	21
1982	3,176	2,001	63	508	16
1983	3,357	2,048	61	436	13
1984	3,311	1,953	59	563	17
1985	3,644	2,186	60	765	21
1986	3,642	2,659	73	728	20
1987	4,044	3,033	75	809	20
1988	3,957	2,374	60	435	11
1989	3,450	1,898	55	587	17
1990	3,805	2,207	58	457	12
1991	4,062	2,437	60	528	13
1992	4,189	2,575	61	396	9
1993	4,193	2,430	58	294	7
1994	4,060	2,030	50	447	11
1995	4,050	2,430	60	648	16
1996	4,180	2,006	48	209	5
1997	4,739	2,133	45	616	13
1998	4,602	2,807	61	966	21
1999	4,598	2,900	63	690	15

^{1/} Following year of production.

^{2/} Data as of December 1 beginning 1986.

On-farm and off-farm grain storage capacity, Colorado and United States, December 1, 1986-99

Year	Colorado			United States		
	On-farm storage capacity	Off-farm storage		On-farm storage capacity	Off-farm storage	
		Number of facilities	Capacity		Number of facilities	Capacity
	Mil. Bu.	Number	1,000 Bu.	Mil. Bu.	Number	1,000 Bu.
1986	---	204	130,850	---	14,046	9,123,280
1987	240	220	142,860	13,640	13,889	9,610,590
1988	230	217	145,220	13,300	13,802	9,606,050
1989	220	174	132,390	12,800	13,517	9,384,430
1990	210	167	131,030	12,400	13,214	9,089,300
1991	220	165	114,930	12,170	12,825	8,911,220
1992	190	159	115,370	12,090	12,428	8,664,970
1993	190	161	115,650	11,675	11,866	8,486,500
1994	170	139	114,700	11,500	11,592	8,374,110
1995	170	136	114,060	11,165	11,285	8,301,060
1996	160	132	112,120	10,970	10,884	8,072,330
1997	170	126	110,930	10,950	10,605	7,961,340
1998	190	131	109,100	11,130	10,272	8,003,190
1999	195	125	114,000	11,150	9,995	8,087,250

Barley: Acreage planted by variety, by district, Colorado, 1998-99 1/

Variety	Northwest		Northeast		East Central		Southwest		San Luis Valley		Southeast		State	
	% of Total	Acres	% of Total	Acres	% of Total	Acres	% of Total	Acres	% of Total	Acres	% of Total	Acres	% of Total	Acres
1998														
Moravian 14 *	...	...	57.8	10,000	14.0	600	34.6	900	72.5	43,500	...	...	61.1	55,000
Otis .....	...	...	30.6	5,300	76.7	3,300	26.9	700	...	...	...	...	10.3	9,300
Steptoe	88.4	3,800	2.9	500	...	...	30.8	800	0.6	400	33.3	500	6.7	6,000
Alexis *	...	...	...	...	...	...	...	...	9.2	5,500	...	...	6.1	5,500
Triumph *	...	...	...	...	...	...	...	...	7.5	4,500	...	...	5.0	4,500
Camarque *	...	...	...	...	...	...	...	...	3.3	2,000	...	...	2.2	2,000
Morex *	...	...	...	...	...	...	...	...	3.3	2,000	...	...	2.2	2,000
Schuyler .....	...	...	2.3	400	4.7	200	3.8	100	...	...	40.0	600	1.4	1,300
Baroness .....	...	...	1.2	200	...	...	...	...	0.5	300	13.3	200	0.8	700
Westbred 501 .....	...	...	...	...	...	...	...	...	0.7	400	...	...	0.4	400
Lud .....	...	...	1.7	300	...	...	...	...	...	...	...	...	0.3	300
Other Malting * 2/	...	...	1.7	300	...	...	...	...	1.2	700	...	...	1.1	1,000
Others 2/	11.6	500	1.7	300	4.7	200	3.8	100	1.2	700	13.3	200	2.2	2,000
All Barley	100.0	4,300	100.0	17,300	100.0	4,300	100.0	2,600	100.0	60,000	100.0	1,500	100.0	90,000
1999														
Moravian 14 *	...	...	48.0	8,400	2.3	100	38.5	1,000	72.3	47,000	...	...	59.5	56,500
Triumph *	...	...	...	...	...	...	11.5	300	10.0	6,500	...	...	7.2	6,800
Alexis *	...	...	...	...	...	...	...	...	10.0	6,500	...	...	6.8	6,500
Steptoe	83.3	3,500	4.6	800	...	...	19.2	500	0.6	400	46.2	600	6.1	5,800
Otis .....	...	...	22.9	4,000	4.5	200	...	...	...	...	...	...	4.4	4,200
Schuyler .....	...	...	...	...	43.2	1,900	19.2	500	...	...	38.5	500	3.1	2,900
C-37 *	...	...	5.7	1,000	...	...	...	...	2.3	1,500	...	...	2.6	2,500
Morex *	...	...	...	...	...	...	...	...	3.8	2,500	...	...	2.6	2,500
Post .....	...	...	...	...	47.7	2,100	...	...	...	...	...	...	2.2	2,100
Walker .....	...	...	8.6	1,500	...	...	3.8	100	...	...	...	...	1.7	1,600
Baroness .....	...	...	2.9	500	...	...	...	...	...	...	...	...	0.5	500
Lud .....	...	...	2.9	500	...	...	...	...	...	...	...	...	0.5	500
Other Malting * 2/	...	...	2.3	400	...	...	3.8	100	0.8	500	...	...	1.1	1,000
Others 2/	16.7	700	2.3	400	2.3	100	3.8	100	0.2	100	15.4	200	1.7	1,600
All Barley	100.0	4,200	100.0	17,500	100.0	4,400	100.0	2,600	100.0	65,000	100.0	1,300	100.0	95,000

* Indicates malt variety.

1/ Percent totals may not add due to rounding. 2/ Includes unknown varieties.

Winter Wheat: Percent Planted by Variety, Colorado, 1993-00 Crops 1/

Variety	1993 Crop	1994 Crop	1995 Crop	1996 Crop	1997 Crop	1998 Crop	1999 Crop	2000 Crop
Percent								
Tam 107	51.5	60.8	63.3	56.9	55.1	43.3	39.7	33.6
Akron	---	---	---	0.3	3.1	11.9	19.1	24.3
Halt	---	---	---	---	0.8	3.7	3.9	6.6
Lamar	7.2	5.5	5.5	7.4	8.0	9.4	7.5	5.1
Yuma	0.8	2.1	2.7	5.3	6.0	5.5	7.3	3.9
Praire Red	---	---	---	---	---	---	---	3.1
Yumar	---	---	---	---	---	---	1.0	3.0
Prowers	---	---	---	---	---	---	0.7	2.3
Jagger	---	---	---	---	---	---	1.2	2.1
Baca	4.8	3.9	4.7	2.9	1.7	1.9	1.4	1.2
Alliance	---	---	---	---	0.2	0.7	0.5	1.2
Fairview	---	---	0.6	1.1	1.0	1.3	0.6	1.1
Longhorn	---	---	1.2	2.0	2.3	1.0	0.9	0.9
Tomahawk	---	1.5	1.3	2.6	2.2	1.8	1.3	0.9
Hawk	3.9	2.3	1.4	1.7	1.1	1.2	0.8	0.8
Other 2/	31.8	23.9	19.3	19.8	18.5	18.3	14.1	9.9
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Dashes indicate either none or minor amount reported. 2/ Includes unknown, minor, and older varieties that have become less popular.

Winter Wheat: Percent planted by variety, by district and selected counties, Colorado, 2000 crop 1/

Northwest and Southwest Districts, Colorado, 2000 Crop

District/County	Fairview	Manning	Scout	Stevens	Survivor	Weston	Other	Total
	Percent							
Northwest 2000	---	9.8	---	---	18.9	49.5	21.8	100.0
Moffat	---	16.5	---	---	8.6	62.6	12.3	100.0
Routt	---	---	---	---	44.9	14.3	40.8	100.0
Southwest 2000	82.6	---	4.9	2.6	---	---	---	100.0
Dolores	83.1	---	11.0	---	---	---	---	100.0
La Plata	98.5	---	---	---	---	---	---	100.0
Mesa	---	---	---	82.1	---	---	---	100.0
Montezuma	100.0	---	---	---	---	---	---	100.0

Northeast District, Colorado, 2000 Crop

District/County	Akron	Alliance	Halt	Lamar	Tam 107	Yuma	Other	Total
	Percent							
Northeast 2000	25.4	4.8	5.1	14.1	16.5	5.6	28.5	100.0
Boulder	13.3	---	0.7	---	12.9	---	73.1	100.0
Larimer	27.3	---	27.9	---	16.5	2.7	25.6	100.0
Logan	34.0	2.0	3.5	19.2	6.6	11.6	23.1	100.0
Morgan	8.2	---	10.0	10.9	30.1	1.5	39.3	100.0
Sedgwick	40.0	18.7	1.0	10.8	5.4	1.6	22.5	100.0
Weld	11.5	---	7.1	13.9	32.4	3.7	31.4	100.0

East Central District, Colorado, 2000 Crop

District/County	Akron	Halt	Lamar	Tam 107	Yuma	Yumar	Other	Total
	Percent							
East Central 2000	26.1	6.2	3.1	39.6	4.2	4.1	16.7	100.0
Adams	14.7	19.0	---	34.9	13.6	8.4	9.4	100.0
Arapahoe	7.0	7.1	5.8	58.5	5.1	8.7	7.8	100.0
Cheyenne	26.4	3.2	3.5	39.6	1.7	---	25.6	100.0
Douglas	---	3.4	---	26.0	---	1.9	68.7	100.0
Elbert	31.9	9.7	6.9	21.9	15.0	3.7	10.9	100.0
El Paso	15.3	84.7	---	---	---	---	---	100.0
Kiowa	36.1	0.3	8.5	40.8	---	---	14.3	100.0
Kit Carson	12.3	6.1	0.4	56.0	0.8	1.6	22.8	100.0
Lincoln	19.2	8.9	---	46.2	0.3	14.9	10.5	100.0
Phillips	43.6	1.5	8.0	25.3	0.8	---	20.8	100.0
Washington	29.9	7.0	1.9	36.1	4.8	3.7	16.6	100.0
Yuma	37.9	---	1.1	29.1	7.2	2.6	22.1	100.0

Southeast District, Colorado, 2000 Crop

District/County	Akron	Baca	Halt	Jagger	Lamar	Tam 107	Other	Total
	Percent							
Southeast 2000	19.2	7.5	11.9	3.8	3.1	34.2	20.3	100.0
Baca	12.6	8.8	12.7	4.8	1.6	37.3	22.2	100.0
Bent	9.0	---	53.9	---	---	4.6	32.5	100.0
Crowley	---	---	---	---	---	---	100.0	100.0
Las Animas	---	---	5.0	---	26.9	39.9	28.2	100.0
Otero	1.2	---	11.1	---	---	36.6	51.1	100.0
Prowers	47.6	5.3	9.0	1.5	5.6	25.8	5.2	100.0
Pueblo	---	---	36.9	---	---	63.1	---	100.0

1/ Dashes indicate either none or minor amount reported.

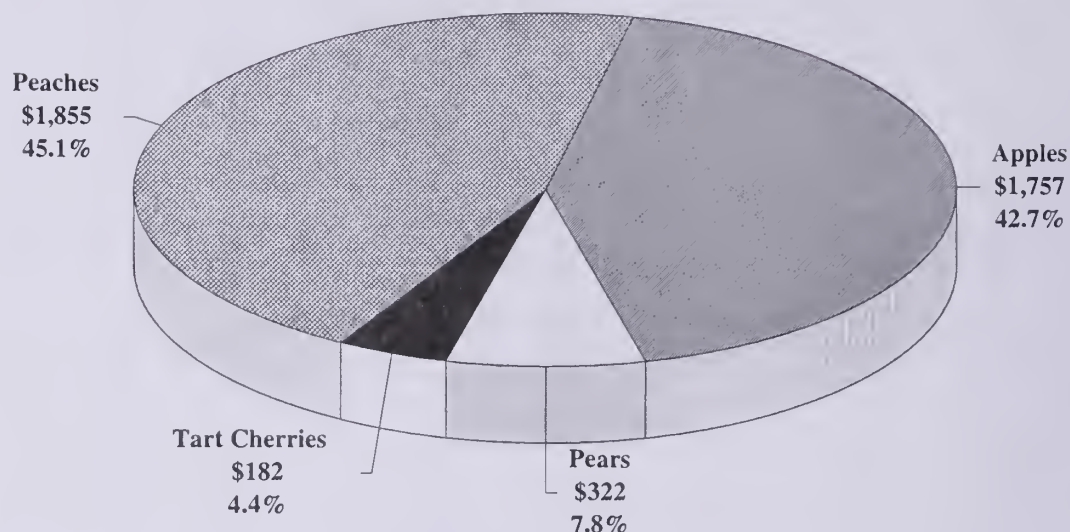
Field Crops: Monthly marketing percents, selected crops, Colorado, 1991-99 1/

Crop Year	All Wheat											
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1991-92	20	16	8	10	7	9	13	5	5	3	2	2
1992-93	10	8	10	9	11	11	15	4	7	5	8	2
1993-94	10	9	6	9	11	12	20	5	6	6	3	3
1994-95	17	10	9	8	7	10	15	7	6	3	5	3
1995-96	15	18	11	8	5	11	14	8	4	3	2	1
1996-97	12	9	7	6	6	11	16	11	11	8	2	1
1997-98	9	8	5	3	2	7	29	7	10	8	6	6
1998-99	16	10	8	9	3	5	9	4	9	10	11	6
	Barley											
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1991-92	10	14	8	9	21	16	10	5	2	2	1	2
1992-93	4	25	9	8	14	7	11	6	6	5	3	2
1993-94	17	24	17	6	25	2	3	1	1	1	2	1
1994-95	7	31	15	6	18	3	15	1	1	1	1	1
1995-96	---	16	19	9	23	27	4	1	---	1	---	---
1996-97	9	39	15	8	4	16	5	---	2	1	---	1
1997-98	11	27	33	17	4	1	2	1	1	2	---	1
1998-99	9	25	27	25	3	2	2	1	1	2	1	2
	Corn for Grain											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1991-92	13	9	12	18	8	7	7	6	6	4	4	6
1992-93	13	11	12	14	6	3	5	9	6	8	7	6
1993-94	8	16	13	22	8	5	5	4	5	5	5	4
1994-95	13	15	14	15	7	8	6	6	5	3	5	3
1995-96	11	28	20	15	7	5	5	3	1	1	2	2
1996-97	16	13	10	15	10	7	6	5	5	5	4	4
1997-98	11	10	11	13	6	7	4	4	13	13	4	4
1998-99	11	11	15	16	8	11	5	6	5	4	4	4
	Dry Beans											
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
1991-92	13	9	9	11	8	7	4	7	5	9	8	10
1992-93	21	13	9	10	10	7	5	5	5	6	5	4
1993-94	22	23	9	5	6	5	5	5	4	6	6	4
1994-95	19	16	8	8	8	7	5	6	4	7	6	6
1995-96	24	15	9	8	8	6	6	5	4	5	6	4
1996-97	27	17	4	6	8	4	4	3	4	9	7	7
1997-98	15	23	9	7	8	5	3	5	6	7	6	6
1998-99	19	12	11	9	10	4	5	8	5	4	6	7
	All Hay											
	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1991-92	4	6	9	10	9	12	12	12	10	8	5	3
1992-93	9	9	8	12	9	11	13	9	8	5	4	3
1993-94	10	11	14	10	9	15	8	7	5	6	4	1
1994-95	6	12	10	9	12	12	11	14	5	4	3	2
1995-96	12	9	10	8	9	9	10	11	6	6	6	4
1996-97	9	10	10	12	13	10	8	12	5	5	4	2
1997-98	6	6	14	10	11	10	8	8	7	9	5	6
1998-99	11	8	11	11	13	10	10	8	5	6	4	3

1/ Dashes indicate only minor amount sold.

Colorado Fruit Crops – 1999 Value of Production and Percent of Total

(Value in \$1,000)



FRUIT CROPS - 1999

Fruit production in Colorado during 1999 was almost a failure for nearly all crops. Freeze damage during April adversely impacted all orchards. Those that did not have any protective measures were completely frozen out. On other orchards which had some freeze protection measures in place, temperatures were so low that they were either not used or were virtually ineffective. Even the orchards with the most elaborate protective options still suffered substantial loss. Production was down by 85 percent or more from 1998 for each fruit crop except tart cherries which were down 54 percent. The value of utilized production for the state's four fruit crops totaled just \$4.1 million in 1999, down 77 percent from \$17.9 million received a year earlier. Apples had the highest production but peaches ranked first in value of utilized production.

Apple producers harvested only 8.0 million pounds of apples in 1999, just 12 percent of the 65.0 million pounds harvested in 1998 and the smallest crop since 1972 when 11.0 million pounds were harvested. While producers received 22.0 cents per pound for their 1999 crop compared with 11.9 cents per pound in 1998, the value of the utilized production, at \$1.76 million, was 75 percent below the \$7.04 million received for the 1998 crop. Apples was the leading fruit crop in terms of production by accounting for 63.5 percent of the total production from the four fruit crops. However, the value of utilized production represented only 42.7 percent of the total, dropping it just below the value of production for peaches.

Peach production for 1999, at just 3.0 million pounds, was 85 percent below the 20.0 million pounds produced in 1998 and the smallest crop since 1991. Quality of the small crop was excellent, and producers received 64.0 cents per pound for the 1999 crop compared with 48.8 cents for the 1998 crop. Total value of the utilized crop in 1999 was \$1.86 million, down 79 percent from the \$9.04 million received for the 1998 crop. The value of the utilized peach production represented 45.1 percent of the total value from the four fruit crops, making it the leading fruit in that category.

Pear production in 1999 totaled just 500 tons, 86 percent below the 1998 crop of 3,500 tons. However, producers received \$657 per ton for their 1999 crop compared with \$449 per ton for the 1998 crop. The total value of the utilized production in 1999, at \$322,000, was down 78 percent from the \$1,494,000 received for the 1998 crop. Pears represented 7.8 percent of the total value received from the four fruit crops.

Tart cherry production totaled 600 thousand pounds in 1999, down 54 percent from the 1.3 million pounds produced in 1998. Producers received 30.3 cents per pound for their 1999 crop compared with 30.7 cents for the 1998 crop. The total value of the utilized production, at \$182,000, was 51 percent under the \$368,000 received for the 1998 crop. The 1999 value represented 4.4 percent of the total value for the four fruit crops.

Fruits: Production, price and value, Colorado, 1988-99

Year	Production		Price per unit	Value of utilized production
	Total ^{1/}	Utilized		
Apples	Million Pounds		Cents	1,000 Dollars
1988	65.0	65.0	11.00	7,160
1989	70.0	68.0	9.60	6,548
1990	35.0	33.0	14.70	4,838
1991	75.0	70.0	15.60	10,904
1992	90.0	88.0	14.50	12,768
1993	92.0	90.0	14.70	13,229
1994	85.0	83.0	15.70	13,007
1995	55.0	51.0	14.50	7,375
1996	25.0	24.0	20.20	4,837
1997	35.0	34.0	15.10	5,138
1998	65.0	59.0	11.90	7,038
1999	8.0	8.0	22.00	1,757
Peaches	Million Pounds		Cents	1,000 Dollars
1988	16.0	15.5	26.90	4,175
1989	^{2/}	^{2/}	^{2/}	^{2/}
1990	17.0	16.0	35.60	5,696
1991	2.0	1.7	38.00	646
1992	18.0	15.5	33.30	5,165
1993	18.0	17.0	31.10	5,287
1994	20.0	18.0	31.90	5,742
1995	17.0	16.0	49.60	7,932
1996	17.0	16.0	49.60	7,934
1997	7.0	6.5	66.10	4,297
1998	20.0	18.5	48.80	9,036
1999	3.0	2.9	64.00	1,855
Pears	Tons		Dollars	1,000 Dollars
1988	3,800	3,700	251.00	928
1989	4,000	4,000	337.00	1,348
1990	2,500	2,500	336.00	841
1991	3,100	3,100	298.00	925
1992	4,000	4,000	284.00	1,137
1993	5,000	4,800	348.00	1,670
1994	4,200	4,100	268.00	1,097
1995	2,900	2,800	357.00	1,000
1996	1,200	1,100	436.00	480
1997	2,600	2,580	295.00	762
1998	3,500	3,325	449.00	1,494
1999	500	490	657.00	322
Tart Cherries	Million Pounds		Cents ^{3/}	1,000 Dollars
1988	1.3	.8	25.10	201
1989 .....	.5	.4	12.50	50
1990	1.0	.9	20.70	186
1991	1.6	1.6	41.40	663
1992	1.5	1.5	36.50	547
1993	1.6	0.9	24.90	224
1994	1.5	1.1	35.50	390
1995	1.2	1.0	41.40	414
1996	1.0	0.9	47.30	426
1997	0.7	0.6	56.00	336
1998	1.3	1.2	30.70	368
1999 .....	.6	.6	30.30	182

^{1/} In certain years, production includes some quantities not harvested because of economic conditions which are excluded in computing values.

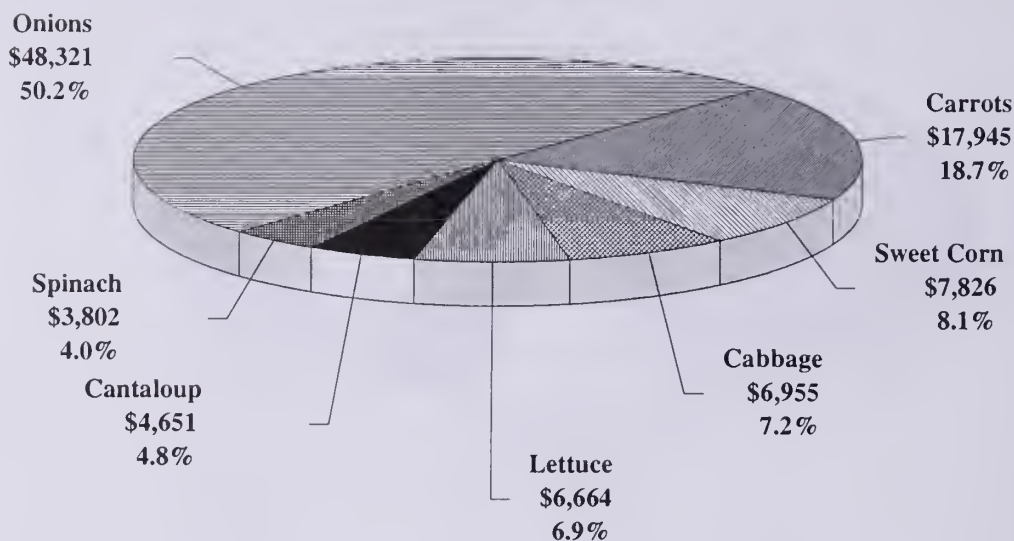
^{2/} No significant commercial production or value in 1989 due to frost.

^{3/} Beginning in 1998, price excludes any value added ingredients, processing or alteration of the raw product.

Colorado Vegetable Crops – 1999

Value of Production and Percent of Total

(Value in \$1,000)



VEGETABLE CROPS - 1999

Vegetable growers in Colorado harvested 10.28 million cwt of produce from seven fresh market crops during 1999 which had a total value of \$96.16 million, down 29 percent from the \$134.69 million received for the 10.97 million cwt of vegetables produced from the same crops in 1998. Production was higher than the previous year for cantaloup, carrots and spinach but smaller crops were produced for cabbage, lettuce, onions and sweet corn. Acreage and production estimates are prepared for only seven vegetable crops. Numerous other vegetable crops are produced in the state but are not surveyed for acreage and production data.

Production of **dry storage onions** in 1999 totaled nearly 5.4 million cwt, down 12 percent from the previous year. The harvested area declined 9 percent to 14,500 acres and the average yield of 370 cwt per acre was 10 cwt below the 1998 average. The quantity of onions expected to be marketed had an estimated value of \$48.3 million compared with \$80.8 million received for the 1998 crop. Onions represented 52 percent of the total production and 50 percent of the total value from the seven crops.

Carrots, the second largest vegetable crop produced in the state, accounted for 18 percent of the total production and 19 percent of the total value. Production increased 16 percent from 1998 to 1.85 million cwt. The 3,700 acres harvested was down 7 percent but the average yield increased 25 percent to 500 cwt per acre. Value of the 1999 crop, at just under \$17.95 million, was 6 percent above a year earlier.

Sweet corn was the third leading vegetable crop, accounting for 10 percent of the total production and 8 percent of the total value. Harvested acreage was down 3 percent to 6,700 acres; average yields were unchanged, at 160 cwt per acre; production declined 3 percent to 1.07 million cwt; and, with sharply lower prices, the total value of the crop was down 36 percent to \$7.83 million.

Cabbage ranked fourth in both production and value. Production declined 10 percent from 1998 to 828,000 cwt, wholly the result of lower yields per acre as the 2,300 acres harvested was unchanged from 1998. The value of production, at \$6.96 million, was down 8 percent from a year earlier as producers received a slightly higher price per unit in 1999 than they did in 1998.

Lettuce had the fifth highest production and ranked fifth in value of production. Production was down 21 percent from a year earlier to 680,000 cwt and value of production, at \$6.66 million, was 29 percent below the previous year as a result of the smaller output and lower per unit prices.

Cantaloupe ranked sixth in both production and value. Production was up 13 percent from 1998 to 342,000 cwt and value was up 14 percent to \$4.65 million. **Spinach** placed seventh with a total production of 144,000 cwt, up 52 percent. The 1,800 acres harvested was down 100 acres from 1998, but the average yield of 80 cwt per acre was 30 cwt above the previous year. However, prices were sharply lower, resulting in the value of production being virtually the same as a year earlier at \$3.8 million.

Vegetables: Acreage, production and value, Colorado, 1991-99

Year	Acreage planted	Acreage harvested	Yield per acre	Production	Value per unit	Total value
Cabbage 1/						
	Acres	Acres	Cwt	1,000 Cwt	Dollars	1,000 Dollars
1991	---	---	---	---	---	---
1992	1,300	1,200	330	396	5.90	2,336
1993	1,600	1,400	390	546	8.90	4,859
1994	1,800	1,700	480	816	7.80	6,365
1995	2,100	1,900	300	570	6.20	3,534
1996	2,300	2,200	390	858	8.50	7,293
1997	2,300	2,100	390	819	7.20	5,897
1998	2,400	2,300	400	920	8.20	7,544
1999	2,600	2,300	360	828	8.40	6,955
Cantaloupe 1/						
	Acres	Acres	Cwt	1,000 Cwt	Dollars	1,000 Dollars
1991	---	---	---	---	---	---
1992	1,300	1,200	90	108	10.00	1,080
1993	1,700	1,600	150	240	9.70	2,328
1994	2,000	1,800	180	324	12.80	4,147
1995	2,000	1,800	120	216	12.30	2,657
1996	2,000	1,700	200	340	10.80	3,672
1997	2,000	1,600	220	352	15.00	5,280
1998	2,200	1,900	160	304	13.40	4,074
1999	2,100	1,900	180	342	13.60	4,651
Carrots						
	Acres	Acres	Cwt	1,000 Cwt	Dollars	1,000 Dollars
1991	2,000	1,600	375	600	8.00	4,800
1992	2,700	2,600	365	949	10.60	10,059
1993	3,300	2,800	380	1,064	8.60	9,150
1994	3,500	3,100	380	1,178	10.00	11,780
1995	4,000	3,600	475	1,710	13.50	23,085
1996	4,300	4,100	350	1,435	7.10	10,189
1997	5,400	4,800	500	2,400	10.00	24,000
1998	4,400	4,000	400	1,600	10.60	16,960
1999	3,900	3,700	500	1,850	9.70	17,945
Cucumbers for Pickles						
	Acres	Acres	Tons	Tons	Dollars	1,000 Dollars
1991	970	850	7.80	6,630	113.00	749
1992	1,500	1,400	4.84	6,780	168.00	1,139
1993	1,000	1,000	9.57	9,570	210.00	2,010
1994	900	800	10.80	8,640	200.00	1,728
1995	950	920	8.05	7,410	129.00	956
1996	900	900	8.00	7,200	150.00	1,080
1997	780	720	8.45	6,080	180.00	1,094
1998	160	160	9.00	1,440	160.00	230
1999	2/	2/	2/	2/	2/	2/
Lettuce						
	Acres	Acres	Cwt	1,000 Cwt	Dollars	1,000 Dollars
1991	4,800	4,700	220	1,034	6.42	6,638
1992	3,600	3,400	300	1,020	15.80	16,116
1993	3,700	3,600	290	1,044	10.80	11,275
1994	3,600	2,800	280	784	8.89	6,970
1995	4,100	3,300	260	858	7.65	6,564
1996	2,900	2,700	220	594	7.00	4,158
1997	2,500	2,300	330	759	14.60	11,081
1998	2,800	2,700	320	864	10.80	9,331
1999	2,100	2,000	340	680	9.80	6,664

1/ Estimates reinstated with the 1992 crop.

2/ Estimates discontinued.

Vegetables: Acreage, production and value, Colorado, 1991-99

Year	Acreage planted	Acreage harvested	Yield per acre	Production	Value per unit	Total value
Spinach ^{1/}						
	Acres	Acres	Cwt	1,000 Cwt	Dollars	1,000 Dollars
1991	---	---	---	---	---	---
1992	3,300	2,600	100	260	26.10	6,786
1993	3,600	3,500	100	350	29.10	10,185
1994	3,600	3,400	85	289	30.00	8,670
1995	3,000	2,700	75	203	25.00	5,075
1996	2,800	2,500	60	150	28.60	4,290
1997	2,900	2,000	52	104	32.00	3,328
1998	2,000	1,900	50	95	40.00	3,800
1999	2,000	1,800	80	144	26.40	3,802
Sweet Corn for Fresh Market						
	Acres	Acres	Cwt	1,000 Cwt	Dollars	1,000 Dollars
1991	3,300	3,100	160	496	11.00	5,456
1992	4,100	3,900	190	741	6.30	4,668
1993	4,500	4,300	160	688	10.50	7,224
1994	5,000	4,800	140	672	10.80	7,258
1995	5,000	4,500	150	675	8.60	5,805
1996	5,700	5,600	165	924	9.20	8,501
1997	6,500	6,300	165	1,040	8.70	9,048
1998	7,300	6,900	160	1,104	11.00	12,144
1999	7,400	6,700	160	1,072	7.30	7,826
Tomatoes for Processing						
	Acres	Acres	Tons	Tons	Dollars	1,000 Dollars
1991	210	200	15.00	3,000	100.00	300
1992	160	130	10.00	1,300	90.00	117
1993	200	170	11.18	1,900	100.00	190
1994	200	190	16.84	3,200	110.00	352
1995	220	180	10.22	1,840	110.00	202
1996	220	220	17.72	3,900	110.00	429
1997	2/	2/	2/	2/	2/	2/
1998	2/	2/	2/	2/	2/	2/
1999	2/	2/	2/	2/	2/	2/

^{1/} Estimates reinstated with the 1992 crop.

^{2/} None produced.

Onions: Acreage, production and value, Colorado, 1984-99

Year	Acreage planted	Acreage harvested	Yield per acre	Production	Loss	Sales	Value per cwt	Total value
	Acres	Acres	Cwt	1,000 Cwt	1,000 Cwt		Dollars	1,000 Dollars
1984	12,800	12,200	380	4,636	923	3,713	12.80	47,526
1985	13,100	12,600	425	5,355	1,875	3,480	8.95	31,146
1986	11,800	10,800	425	4,590	840	3,750	13.00	48,750
1987	13,300	12,500	375	4,688	775	3,913	11.50	45,000
1988	13,800	13,500	410	5,535	996	4,539	12.30	55,830
1989	14,000	13,800	400	5,520	994	4,526	12.90	58,385
1990	13,800	13,500	380	5,130	1,280	3,850	11.10	42,735
1991	13,500	12,700	390	4,953	743	4,210	12.40	52,204
1992	14,500	14,000	390	5,460	1,530	3,930	14.70	57,771
1993	16,000	15,500	370	5,735	1,035	4,700	21.70	101,990
1994	18,000	17,500	350	6,125	1,040	5,085	13.20	67,122
1995	19,000	17,800	345	6,141	1,290	4,851	11.20	54,331
1996	18,000	16,000	325	5,200	1,404	3,796	13.60	51,626
1997	18,000	15,300	350	5,355	1,178	4,177	12.50	49,538
1998	16,500	16,000	380	6,080	1,090	4,990	16.20	80,838
1999	15,500	14,500	370	5,365	1,235	4,130	11.70	48,321

Field Crops: Usual planting and harvesting dates, Colorado

Crop	Usual planting dates	Usual harvesting dates			Principal producing districts <u>1/</u>
		Begin	Most active	End	
Barley:					
Fall sown	Sept. 1 - Oct. 15	June 20	July 1 - July 20	Aug. 5	20, 60, 90
Spring sown	Mar. 15 - Apr. 30	June 20	July 5 - Sept. 10	Sept. 20	10, 20, 70, 80
Beans, dry	May 20 - July 1	Aug. 25	Sept. 5 - Sept. 15	Oct. 10	20, 60, 70, 90
Corn:					
Grain	Apr. 15 - June 1	Oct. 1	Oct. 10 - Nov. 20	Dec. 1	20, 60, 70, 90
Silage	Apr. 15 - June 1	Aug. 25	Sept. 1 - Sept. 25	Oct. 10	20, 60, 70, 90
Hay:					
Alfalfa	June 1	June 5 - Sept. 25	Oct. 10		Statewide
Other	July 1	July 5 - Aug. 10	Sept. 25		Statewide
Oats	Mar. 20 - May 5	July 15	July 25 - Aug. 30	Sept. 20	Statewide
Potatoes:					
Fall	Apr. 25 - May 25	Sept. 15	Oct. 1 - Oct. 10	Oct. 20	80
Summer	Apr. 5 - May 10	July 25	Aug. 15 - Sept. 25	Oct. 20	20
Sorghum:					
Grain	May 5 - June 20	Oct. 1	Oct. 10 - Nov. 15	Nov. 25	60, 90
Silage	May 5 - June 20	Sept. 1	Sept. 5 - Sept. 20	Oct. 1	60, 90
Sugar beets	Apr. 1 - May 25	Oct. 1	Oct. 15 - Nov. 5	Nov. 20	20
Sunflowers	May 20 - June 10	Sept. 10	Sept. 20 - Oct. 10	Oct. 30	20, 60
Wheat:					
Winter	Aug. 20 - Oct. 10	June 25	July 10 - July 20	Sept. 5	20, 60, 90
Spring	Mar. 25 - May 20	July 15	Aug. 5 - Sept. 25	Oct. 1	10, 80

1/ See footnotes at bottom of page.

Fruit Crops: Usual bloom and harvest dates, Colorado

Crop	Usual blooming dates	Usual harvesting dates			Principal producing counties
		Begin	Most active	End	
Apples	Apr. 20 - May 10	Aug. 5	Sept. 10 - Oct. 10	Nov. 5	Delta, Mesa
Peaches	Apr. 5 - Apr. 25	Aug. 5	Aug. 20 - Sept. 5	Sept. 20	Mesa, Delta
Pears	Apr. 20 - May 5	Aug. 10	Aug. 15 - Sept. 10	Sept. 20	Mesa, Delta
Cherries, Tart	Apr. 30	July 5	July 20 - July 30	Aug. 5	Delta, Mesa

Vegetable Crops: Usual planting and harvesting dates, Colorado

Crop	Usual planting dates	Usual harvesting dates			Principal producing districts <u>1/</u>
		Begin	Most active	End	
Cabbage	Apr. 5 - June 1	July 15	Aug. 1 - Sept. 30	Nov. 1	20, 60, 90
Cantaloupe	May 1 - May 20	Aug. 1	Aug. 10 - Aug. 30	Sept. 30	90
Carrots	Apr. 1 - July 5	Aug. 1	Aug. 15 - Nov. 30	Dec. 5	20, 60, 80
Lettuce	Mar. 20 - July 10	June 10	June 15 - Sept. 15	Oct. 1	20, 60, 70, 80
Onions	Mar. 10 - Apr. 30	July 10	Aug. 1 - Sept. 30	Oct. 31	20, 70, 90
Spinach	Apr. 1 - Aug. 1	June 20	July 20 - Sept. 1	Sept. 30	20, 60, 80
Sweet corn	Apr. 1 - June 30	July 10	July 20 - Sept. 20	Oct. 5	20, 60, 70, 90

1/ For Districts, see map on inside of front cover as follows:

10-Northwest and Mountains; 20-Northeast; 60-East Central; 70-Southwest; 80-San Luis Valley; 90-Southeast.

Floriculture: Production, sales, and value for operations with \$100,000 + sales, Colorado, 1998 1/

Kind	Number of producers	Sales			Wholesale price 2/	Value of sales at wholesale
		Unit	Number sold	Percent of sales at wholesale		
	Number	1,000	1,000	Percent	Dollars	1,000 Dollars
Cut Flowers .....	...	...	...	...	...	11,425
Carnations .....	...	...	6,213	100	.334	2,077
Standard	9	Blooms	5,872	100	.255	1,497
Miniature	12	Bunches	341	100	1.70	580
Roses, Hybrid Tea	13	Blooms	17,912	99	.311	5,571
Others	23	...	...	100	...	3,777
Potted Flowering Plants .....	...	...	...	...	...	9,505
African Violets	7	Pots	50	100	2.04	102
Chrysanthemums	9	Pots	196	98	3.15	618
Cyclamens	17	Pots	65	91	4.22	274
Finished Florist Azaleas	8	Pots	27	97	7.81	211
Potted Kalanchoes	7	Pots	37	98	3.38	125
Easter Lilies	16	Pots	225	99	4.28	963
Poinsettias	34	Pots	1,406	97	4.14	5,820
Others	20	Pots	469	97	2.97	1,392
Foliage Plants .....	...	...	...	...	...	1,645
Hanging Baskets	11	Baskets	43	99	6.74	290
Potted Foliage	11	Baskets	...	98	...	1,355
Bedding/Garden Plants .....	...	...	...	...	...	44,146
Flats .....	...	...	...	...	...	22,240
Geraniums	18	Flats	81	98	12.43	1,007
Impatiens	38	Flats	94	89	9.69	911
New Guinea Impatiens	8	Flats	6	98	8.96	54
Petunias	47	Flats	479	93	9.13	4,373
Other (Incl. Foliar)	54	Flats	1,461	91	9.89	14,449
Vegetable Type	37	Flats	155	72	9.33	1,446
Potted .....	...	...	...	...	...	16,426
Chrysanthemums	29	Pots	819	98	1.33	1,086
Geraniums (Cutting)	50	Pots	1,376	85	2.54	3,496
Geraniums (Seed)	19	Pots	1,246	98	.99	1,234
Impatiens	12	Pots	62	90	1.02	63
New Guinea Impatiens	28	Pots	245	91	1.70	416
Petunias	14	Pots	115	92	1.27	146
Other (Incl. Foliar)	50	Pots	3,914	86	2.41	9,424
Vegetable Type	29	Pots	716	54	.78	561
Flowering Hanging Baskets .....	...	...	...	...	...	5,480
Geraniums	42	Baskets	101	89	7.78	786
Impatiens	28	Baskets	38	92	6.68	254
New Guinea Impatiens	24	Baskets	41	85	7.86	322
Petunias	33	Baskets	73	90	6.67	487
Other	44	Baskets	488	93	7.44	3,631
Total All Plants 3/	86	...	...	...	...	66,721

1/ During 1998, there were 179 operations that had sales of \$10,000 or more. The total covered growing area for all 179 operations of 11,489,000 square feet consisted of the following:

513,000 square feet of glass; 7,687,000 square feet of fiberglass and other rigid greenhouses;

2,987,000 square feet of film plastic (single/multiple) greenhouses; 302,000 square feet of shade and temporary cover.

In addition, plants were produced on 74 acres of open ground.

The data in the table represents production and sales only from operations with sales of \$100,000 or more. The estimated value of sales at wholesale from all 179 operations with sales of \$10,000 or more totaled \$70,996,000 in 1998.

2/ For potted plants, price represents a weighted average for plants sold in pots less than 5 inches and in pots 5 inches or more.

3/ Value based on equivalent wholesale value of all sales for all crops except potted foliage plants which are based on net value of sales.

Floriculture: Production, sales, and value for operations with \$100,000 + sales, Colorado, 1999 ^{1/}

Kind	Number of producers	Sales			Wholesale price ^{2/}	Value of sales at wholesale
		Unit	Number sold	Percent of sales at wholesale		
	Number	1,000	1,000	Percent	Dollars	1,000 Dollars
Cut Flowers .....	...	...	...	...	...	10,749
Carnations .....	...	...	5,260	100	.309	1,625
Standard	9	Blooms	5,051	100	.251	1,268
Miniature	10	Bunches	209	100	1.71	357
Roses, Hybrid Tea	11	Blooms	12,652	98	.339	4,289
Others	23	...	...	95	...	4,835
Potted Flowering Plants .....	...	...	...	...	...	10,412
African Violets	6	Pots	33	98	1.67	55
Chrysanthemums	7	Pots	111	94	3.94	437
Cyclamens	15	Pots	57	82	3.82	218
Finished Florist Azaleas	8	Pots	30	96	7.53	226
Potted Kalanchoes	7	Pots	53	92	3.98	211
Easter Lilies	14	Pots	199	99	4.51	897
Poinsettias	31	Pots	1,388	97	4.40	6,111
Others	18	Pots	918	99	2.46	2,257
Foliage Plants .....	...	...	...	...	...	2,039
Hanging Baskets	9	Baskets	14	84	6.77	95
Potted Foliage	11	Baskets	...	94	...	1,944
Bedding/Garden Plants .....	...	...	...	...	...	47,206
Flats .....	...	...	...	...	...	23,453
Geraniums	19	Flats	128	98	11.94	1,528
Impatiens	34	Flats	106	91	9.92	1,052
New Guinea Impatiens	7	Flats	4	97	8.87	35
Petunias	41	Flats	452	94	9.40	4,249
Other (Incl. Foliar)	49	Flats	1,485	92	9.80	14,553
Vegetable Type	41	Flats	155	82	9.93	2,036
Potted .....	...	...	...	...	...	18,434
Chrysanthemums	22	Pots	767	97	1.21	930
Geraniums (Cutting)	43	Pots	1,645	91	2.49	4,089
Geraniums(Seed)	19	Pots	1,205	99	1.00	1,205
Impatiens	8	Pots	76	95	1.61	122
New Guinea Impatiens	22	Pots	217	92	1.76	381
Petunias	15	Pots	151	96	1.79	271
Other (Incl. Foliar)	42	Pots	4,307	83	2.45	10,565
Vegetable Type	27	Pots	887	64	.98	871
Flowering Hanging Baskets .....	...	...	...	...	...	5,319
Geraniums	42	Baskets	95	89	8.13	772
Impatiens	27	Baskets	24	88	7.39	177
New Guinea Impatiens	23	Baskets	57	91	7.88	449
Petunias	33	Baskets	61	86	6.88	420
Other	52	Baskets	468	92	7.48	3,501
Total All Plants ^{3/}	82	...	...	...	...	70,406

^{1/} During 1999, there were 167 operations that had sales of \$10,000 or more. The total covered growing area for all 167 operations of 11,515,000 square feet consisted of the following:

489,000 square feet of glass; 7,821,000 square feet of fiberglass and other rigid greenhouses;

2,888,000 square feet of film plastic (single/multiple) greenhouses; 317,000 square feet of shade and temporary cover.

In addition, plants were produced on 64 acres of open ground.

The data in the table represents production and sales only from operations with sales of \$100,000 or more. The estimated value of sales at wholesale from all 167 operations with sales of \$10,000 or more totaled \$74,756,000 in 1999.

^{2/} For potted plants, price represents a weighted average for plants sold in pots less than 5 inches and in pots 5 inches or more.

^{3/} Value based on equivalent wholesale value of all sales for all crops except potted foliage plants which are based on net value of sales.

Precipitation: Monthly and annual averages by district, Colorado, 1993-99 1/

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total
Northwest and Mountain District													
Inches													
Average													
1941-70	1.13	1.02	1.29	1.50	1.37	1.28	1.64	1.76	1.19	1.16	.99	1.13	15.46
1993	1.43	2.20	1.88	1.94	1.47	1.11	.75	1.38	1.60	2.04	1.35	.72	17.87
1994 .....	.58	1.22	.87	1.92	.89	.73	.33	1.77	1.32	1.21	1.46	.59	12.89
1995	1.02	1.82	1.98	2.51	4.01	1.74	1.46	1.45	1.86	.94	1.38	.94	21.11
1996	2.85	2.38	1.14	1.58	1.32	1.08	1.12	.71	1.75	1.73	1.72	2.07	19.45
1997	2.19	.82	.52	2.62	2.20	1.28	1.23	2.75	2.94	1.56	1.11	.80	20.02
1998	1.21	1.01	1.55	1.45	.50	1.50	2.76	1.47	.84	1.99	1.13	.68	16.09
1999	1.73	1.00	.61	2.68	2.01	1.30	2.33	2.48	1.30	.65	.48	.92	17.49
Northeast District													
Inches													
Average													
1941-70 .....	.47	.44	1.00	1.69	2.81	2.41	1.95	1.54	1.10	1.09	.60	.40	15.50
1993 .....	.25	.95	.97	1.93	1.77	2.55	1.21	1.69	1.95	1.93	1.15	.24	16.59
1994 .....	.66	.53	.70	1.76	1.03	1.41	1.40	1.54	.65	1.97	.96	.42	13.03
1995 .....	.28	.68	.72	2.94	5.89	3.89	1.19	.74	2.45	.66	.82	.10	20.36
1996 .....	.90	.12	1.30	.98	3.98	1.89	2.15	1.89	2.95	.51	.62	.15	17.44
1997 .....	.54	.77	.50	2.43	2.00	3.75	2.51	3.14	1.58	2.19	.81	.39	20.61
1998 .....	.30	.44	1.64	1.97	1.98	2.05	3.60	1.28	.62	1.96	1.03	.46	17.33
1999 .....	.28	.16	.53	4.96	2.24	2.07	2.05	3.67	2.42	.49	.44	.36	19.67
East Central District													
Inches													
Average													
1941-70 .....	.41	.39	.87	1.53	2.56	2.29	2.53	2.15	1.26	1.04	.58	.34	15.95
1993 .....	.35	.75	.60	1.32	1.89	1.75	2.70	3.01	.97	2.12	.99	.21	16.66
1994 .....	.50	.20	.42	2.19	1.59	1.77	2.44	2.18	.61	2.02	.77	.32	15.01
1995 .....	.45	.49	.94	2.69	5.39	4.88	2.25	1.04	1.69	.48	.37	.06	20.73
1996 .....	.35	.13	.89	.72	3.51	2.06	3.42	2.91	2.08	.30	.18	.11	16.66
1997 .....	.19	.61	.19	1.29	1.65	3.14	3.86	4.03	.84	2.55	.55	.50	19.40
1998 .....	.10	.54	.63	1.49	2.35	1.43	5.62	2.71	.50	1.34	.84	.31	17.86
1999 .....	.31	.24	.40	4.29	2.99	2.81	2.39	4.12	1.19	.33	.26	.30	19.63
West Central and Southwest District													
Inches													
Average													
1941-70	1.25	1.05	1.25	1.35	1.04	.90	1.39	1.88	1.37	1.61	1.00	1.27	15.36
1993	2.73	2.72	1.56	1.11	2.19	.35	.16	2.81	.98	1.93	1.06	.70	18.30
1994 .....	.55	1.54	.59	2.10	.78	.58	.42	1.42	2.00	1.26	1.84	.92	14.00
1995	1.24	.99	2.67	1.31	3.07	1.67	1.48	1.66	1.75	.50	.68	.77	17.79
1996	1.62	1.51	.84	1.09	.54	1.08	1.29	.63	2.21	2.83	1.81	1.10	16.55
1997	2.37	1.01	.39	2.12	1.89	1.08	1.35	2.16	3.20	1.78	1.04	.61	19.00
1998 .....	.92	1.18	1.96	1.28	.35	.59	1.82	1.06	1.07	2.50	1.40	.52	14.65
1999 .....	.92	.60	.36	3.11	1.49	1.02	2.58	3.20	1.22	.16	.20	.54	15.40
South Central District													
Inches													
Average													
1941-70 .....	.42	.32	.53	.77	.76	.69	1.45	1.59	.86	.97	.38	.48	9.22
1993 .....	.39	.63	.77	.46	1.41	.26	.59	3.60	.99	.62	.53	.28	10.53
1994 .....	.39	.18	.74	1.27	1.65	.52	.41	1.99	1.35	1.10	.96	.13	10.69
1995 .....	.15	.19	.98	1.23	1.49	1.58	1.41	1.34	1.27	.09	.45	.16	10.34
1996 .....	.45	.22	.48	.53	.20	1.26	1.00	1.07	.90	.80	.57	.71	8.19
1997 .....	.48	.71	.17	.59	1.10	1.31	1.14	1.97	2.22	.74	.90	.33	11.66
1998 .....	.13	.23	.71	.81	.11	.11	2.28	1.26	.75	2.18	.67	.12	9.36
1999 .....	.29	.18	.32	1.35	1.44	.92	1.94	2.56	1.02	.26	.03	.15	10.46
Southeast District													
Inches													
Average													
1941-70 .....	.56	.54	.95	1.51	1.96	1.61	2.24	2.05	1.05	1.02	.62	.55	14.66
1993 .....	.42	.94	1.50	1.30	2.68	1.71	1.07	2.93	.88	.96	.98	.17	15.54
1994 .....	.44	.04	1.04	1.90	2.27	1.65	1.74	3.40	.77	1.05	.89	.19	15.38
1995 .....	.39	.23	.98	2.28	4.59	3.25	1.65	1.15	1.24	.03	.27	.12	16.18
1996 .....	.30	.19	1.11	.60	2.69	2.12	3.70	3.32	1.92	.54	.41	.27	17.17
1997 .....	.38	.91	.26	1.96	.74	1.70	1.85	5.21	1.58	2.66	1.41	.92	19.58
1998 .....	.14	.57	2.04	1.83	.91	.67	5.42	2.49	.70	2.07	1.27	.34	18.45
1999 .....	.63	.12	1.28	5.07	2.75	1.68	2.95	2.69	.89	.81	.20	.45	19.52

1/ Compiled from reports issued by the National Oceanic and Atmospheric Administration.

1999 COLORADO WEATHER SUMMARY IN BRIEF

(Source: Colorado Climate Center, Colorado State University)

January - Statewide temperatures ranged from 5 degrees above average over southeast Colorado to 10 degrees above average for some of the western valleys. A series of storms that brought heavy precipitation to the Pacific Northwest were responsible for the above average precipitation in Colorado's north and central mountains. Southeast Colorado was also wetter than average but western, southern, and northeastern areas were all very dry.

February - Unseasonably warm temperatures continued statewide. For the month as a whole, temperatures ended up about 4-6 degrees above average over Western Colorado, increasing to 6-8 degrees above average over the Eastern Plains. Frequent strong winds buffeted exposed areas along the Front Range and Eastern Plains. Precipitation was well below average statewide except for a small portion of the central mountains along the Continental Divide and the extreme northwest. Several stations on the Eastern Plains reported no measurable precipitation for the entire month.

March - Yet another unseasonably warm month continued during March. Temperatures for the month averaged 6-8 degrees above the 30 year average over all of western Colorado. Eastern Colorado was a bit cooler, averaging 4-6 degrees above average, but locally less than 2 degrees above average in the Arkansas Valley from La Junta eastward. That area coincided with the only portion of the state receiving appreciable precipitation during March. In other areas, precipitation was very scant, with many areas in and near the mountains receiving less than half the average amounts.

April - There was a dramatic shift in weather patterns during April. Numerous storms took aim on the state throughout the month, but the last 11 days brought daily and occasionally very heavy precipitation. Precipitation for the month ended up more than double the average along the Front Range and adjacent plains. Only the extreme northeast and northern mountains received less than 150 percent of average precipitation. Cooler than average temperatures accompanied the wet weather with most of the state ending the month 2-4 degrees below average.

May - Above average precipitation continued into May over much of southern Colorado, bringing welcomed moisture to the southern mountains. Precipitation was lighter over northern areas and in local areas near Grand Junction. Statewide, however, May precipitation was above average. Temperatures were on the cool side, ending the month 1-2 degrees below average.

June - Seasonal weather prevailed during June. Cooler and showery weather early in the month gave way to hot and dry weather for the last half of the month except for portions of eastern Colorado where locally heavy thunderstorms continued throughout the month. Precipitation totals ended near average across the state as a whole, but ranged from much below average over the northwest, southeast, and much of the South Platte Valley to over average in the southwest and east central areas. It was cooler than average for most of the month but warmer during the last week.

July - Hot summer weather prevailed through July with frequent thunderstorms. Most of the state was significantly wetter than average with many stations in the southwest receiving more than 200 percent of average. Some isolated areas south and east of Denver received less than half of their July average. Temperatures were warmer than average in most areas. Daytime temperatures were a little cooler than average but nighttime readings were quite warm.

August - The warm, humid and stormy weather that began in July continued into August, especially in and near the mountains. Many locations in the state received well over double the average rainfall. Several weather stations in southwestern and eastern Colorado received in excess of seven inches of rain. This helped refill reservoirs in southwestern areas and maintained forage growth for grazing areas. As in July, average temperatures were near to slightly above normal. Again, daily maximums were cooler than usual, but nighttime temperatures were warmer than usual as a result of the stormy weather and higher humidity.

September - The stagnant weather patterns of summer gave way to more changeable weather in September. A lively early-winter storm brought the first snow and hard freeze of the fall to portions of northeastern Colorado. Most of the state received less precipitation than average although some areas were wetter than average, especially the northeast. The month began on a warm note, but three strong cold fronts progressively dropped temperatures during each of the last three weeks of the month and resulted in the subfreezing temperatures late in the month.

October - Weather during October was delightful, with an abundance of warm sunny days, deep blue skies, dry air, light breezes, and cool crisp nights. There were wide variations in day-night temperatures, with forty to fifty degree temperature swings were common. Most of the state was drier than average with many areas well below 50 percent of average. The only relatively wet areas were found along the Front Range, the urban corridor and southeastern counties. October temperatures were near to a little below average over eastern area while western areas were mostly near to above average.

November - Winter was slow to get started as unseasonably warm temperatures and limited precipitation persisted to near Thanksgiving. A taste of winter arrived on the 21st in the form of sharply cooler temperatures and a significant snowstorm. November temperatures were much above average statewide, ranging from 5 degrees above normal on the Western Slope to 8 degrees above average in some areas east of the mountains.

December - The stable and persisting weather pattern of November gave way to more changeable, faster moving systems in December. Pacific moisture made its way into the northern and central mountains on several occasions. However, little moisture extended southward. Precipitation was below average over most of the state. Temperatures were reasonably mild for most of the month with some stations in the northeast being six degrees above average.

Farm income indicators, Colorado, 1993-98

Item	1993	1994	1995	1996	1997	1998
Thousand Dollars						
Total Agricultural Sector Output	4,662,210	4,452,264	4,608,363	4,873,823	4,950,898	5,012,737
Final Crop Output	1,204,506	1,313,532	1,403,767	1,547,689	1,454,014	1,515,554
Final Animal Output	2,987,097	2,734,127	2,742,664	2,820,590	2,959,708	2,794,526
Services and Forestry	313,264	332,993	405,783	443,868	478,965	569,504
Net Government Transactions	157,343	71,613	56,149	61,676	58,210	133,152
Total Production Expenses	5,273,211	5,301,101	5,532,228	5,794,542	5,931,694	5,907,761
Intermediate Consumption Outlays	4,504,868	4,380,651	4,552,214	4,812,147	4,892,688	4,879,585
Farm Origin	1,941,103	1,790,795	1,886,650	1,870,772	1,928,393	1,836,434
Feed Purchased	462,390	529,534	666,076	750,855	761,043	744,405
Livestock and Poultry Purchased	1,405,435	1,174,610	1,137,051	1,027,202	1,064,753	994,978
Seed Purchased	73,278	86,651	83,523	92,715	102,597	97,051
Manufactured Inputs	290,319	351,593	369,836	420,109	412,069	395,733
Fertilizers & Lime	86,477	112,133	119,100	131,267	138,488	123,874
Pesticides	53,250	62,813	66,644	73,369	82,318	90,157
Petroleum Fuel and Oils	91,427	101,268	101,166	118,243	123,210	110,650
Electricity	59,165	75,379	82,926	97,230	68,053	71,052
Other Intermediate Expenses	711,602	880,274	870,714	872,362	958,538	992,671
Repair & Maintenance	141,935	160,860	158,451	172,320	162,878	174,531
Machine Hire & Custom Work	78,369	81,066	100,843	70,602	79,440	93,404
Marketing, Storage, & Transportation ..	112,641	129,523	122,017	112,940	155,982	142,872
Contract Labor	13,615	12,883	19,827	24,710	27,900	25,230
Miscellaneous Other	365,042	495,942	469,576	491,790	532,338	556,634
Factor Payments	474,422	618,296	673,063	670,408	723,707	709,196
Employee Compensation (Hired Labor) ...	198,162	262,395	277,924	280,390	311,436	314,935
Net Rent to Non-Operator Landlords	69,586	113,846	124,897	143,438	151,926	124,481
Real Estate/Non-Real Estate Interest	206,674	242,055	270,242	246,580	260,345	269,780
Capital Consumption	293,921	302,154	306,951	311,987	315,299	318,980
Net Farm Income	950,844	509,152	501,149	728,185	612,892	759,723
Number of Farms	29,500	29,500	29,500	29,500	29,500	29,500

1/ Includes operator households.

Farm balance sheet, Colorado, December 31, 1993-98 1/

Item	1993	1994	1995	1996	1997	1998
Million Dollars						
Total Farm Assets	18,912,422	19,816,171	20,664,262	21,851,558	23,016,340	23,026,656
Real Estate	13,956,503	14,954,233	16,013,411	16,931,743	17,571,573	17,912,768
Livestock & Poultry 2/	2,082,495	1,996,188	1,712,738	1,927,433	2,220,055	1,910,550
Machinery & Motor Vehicles 3/	1,321,373	1,340,341	1,356,295	1,366,795	1,495,887	1,489,331
Crops 4/	491,254	367,721	440,880	416,769	459,894	392,809
Purchased Inputs	76,009	91,237	58,985	78,823	92,388	95,026
Financial	984,788	1,066,451	1,081,953	1,129,985	1,176,543	1,226,172
Total Farm Debt 5/	2,940,576	3,054,790	3,281,121	3,396,383	3,554,709	3,629,703
Real Estate	1,547,323	1,565,632	1,674,763	1,705,883	1,692,220	1,716,724
Non-Real Estate	1,393,253	1,489,158	1,606,358	1,690,500	1,862,489	1,912,979
Equity	15,971,846	16,761,381	17,383,141	18,455,175	19,461,631	19,396,953
Ratio						
Debt/Equity	18.4	18.2	18.9	18.4	18.3	18.7
Debt/Assets	15.6	15.4	15.9	15.5	15.4	15.8

1/ Includes operator dwellings. 2/ Excludes horses, mules, and broilers. 3/ Includes only farm share value for autos and trucks.

4/ All crops held on farms including value above loan rates for crops held under CCC. 5/ Excludes debt for non-farm purposes.

Farm Income: Cash receipts by commodity, Colorado, 1995-98 1/

Commodity	1995		1996		1997		1998	
	Cash receipts	Percent of total	Cash receipts	Percent of total	Cash receipts	Percent of total	Cash receipts	Percent of total
	1,000 Dollars	%	1,000 Dollars	%	1,000 Dollars	%	1,000 Dollars	%
All commodities	4,090,523	100.0	4,167,299	100.0	4,177,309	100.0	4,309,508	100.0
Livestock and products	2,644,221	64.6	2,779,434	66.7	2,874,702	68.8	2,856,655	66.3
Meat animals	2,292,119	56.0	2,364,862	56.7	2,494,411	59.7	2,444,704	56.7
Cattle and calves	2,081,211	50.9	2,072,482	49.7	2,148,314	51.4	2,149,157	49.9
Hogs	106,100	2.6	177,753	4.3	201,696	4.8	186,661	4.3
Sheep and lambs	104,808	2.6	114,627	2.8	144,401	3.5	108,886	2.5
Dairy products	206,240	5.0	245,769	5.9	223,100	5.3	260,337	6.0
Milk, retail	15,400	.4	18,009	.4	16,400	.4	18,837	.4
Milk, wholesale	190,840	4.7	227,760	5.5	206,700	4.9	241,500	5.6
Poultry/eggs	111,706	2.7	131,934	3.2	118,726	2.8	115,853	2.7
Chicken eggs	47,361	1.2	52,170	1.3	51,420	1.2	52,841	1.2
Other poultry	64,345	1.6	79,764	1.9	67,306	1.6	63,012	1.5
Miscellaneous livestock	34,156	.8	36,869	.9	38,465	.9	35,761	.8
Honey	1,971	*	1,887	*	1,579	*	1,361	*
Wool	4,316	.1	3,152	.1	3,503	.1	1,783	*
Aquaculture	2,269	*	2,428	.1	2,723	.1	2,723	.1
Other livestock	25,600	.6	29,402	.7	30,660	.7	29,894	.7
Crops	1,446,302	35.4	1,387,865	33.3	1,302,607	31.2	1,452,853	33.7
Food grains	417,920	10.2	337,775	8.1	237,661	5.7	274,943	6.4
Wheat	417,808	10.2	337,649	8.1	237,526	5.7	274,823	6.4
Feed crops	500,170	12.2	498,041	12.0	537,876	12.8	559,154	13.0
Barley	26,441	.6	24,918	.6	24,583	.6	22,655	.5
Corn	296,832	7.3	263,182	6.3	290,859	7.0	315,513	7.3
Hay	159,259	3.9	181,778	4.4	204,096	4.9	203,958	4.7
Oats	1,412	*	1,812	*	1,324	*	996	*
Sorghum grain	16,226	.4	26,351	.6	17,014	.4	16,032	.4
Oilcrops	13,486	.3	15,416	.4	13,954	.3	15,579	.4
Vegetables	272,813	6.7	279,402	6.7	233,854	5.6	304,816	7.1
Beans, dry	47,756	1.2	53,967	1.3	40,329	1.0	47,856	1.1
Potatoes	114,467	2.8	121,567	2.9	71,096	1.7	109,806	2.5
Summer	17,041	.4	12,997	.3	12,911	.3	12,736	.3
Fall	97,426	2.4	108,570	2.6	58,185	1.4	97,070	2.3
Cabbage	3,534	.1	7,293	.2	5,897	.1	7,544	.2
Cantaloupe	2,657	.1	3,672	.1	5,280	.1	4,074	.1
Carrots	23,085	.6	10,189	.2	24,000	.6	16,960	.4
Corn, sweet	5,805	.1	8,501	.2	9,048	.2	12,144	.3
Cucumbers	956	*	1,080	*	1,094	*	230	*
Lettuce	6,564	.2	4,158	.1	11,081	.3	9,331	.2
Onions	53,712	1.3	54,256	1.3	50,701	1.2	79,071	1.8
Spinach	5,075	.1	4,290	.1	3,328	.1	3,800	.1
Miscellaneous vegetables	9,202	.2	10,429	.3	12,000	.3	14,000	.3
Fruits/nuts	20,292	.5	16,531	.4	13,559	.3	21,275	.5
Apples	8,881	.2	5,121	.1	5,092	.1	6,637	.2
Cherries, tart	414	*	426	*	336	*	538	*
Peaches	7,932	.2	7,934	.2	4,297	.1	9,036	.2
Pears	1,000	*	480	*	762	*	1,494	*
Other berries	65	*	70	*	72	*	70	*
Miscellaneous fruits & nuts	2,000	*	2,500	.1	3,000	.1	3,500	.1
All other crops	221,621	5.4	240,700	5.8	265,703	6.4	277,086	6.4
Sugar beets	25,311	.6	42,518	1.0	44,603	1.1	44,364	1.0
Other seeds	930	*	900	*	900	*	890	*
Miscellaneous other crops	50,562	1.2	28,056	.7	26,910	.6	27,708	.6
Forest products & Christmas trees	1,000	*	1,500	*	2,000	*	2,500	.1
Greenhouse/nursery	143,818	3.5	167,726	4.0	191,290	4.6	201,624	4.7
Floriculture	63,818	1.6	67,726	1.6	71,290	1.7	71,624	1.7
Other Greenhouse	80,000	1.9	100,000	2.4	120,000	2.9	130,000	3.0

1/ Totals may not add due to rounding.

* Less than 0.05 percent.

Source: USDA Economic Research Service. Cash receipt data reflect income derived from the sale of agricultural commodities during a calendar year for only that portion of the commodity that is sold.

PRICES RECEIVED BY FARMERS

Prices received by farmers and ranchers provide a basis for calculating the income from the Agricultural Sector as part of the National Income Accounts. These data are also extensively used to analyze past and current marketing patterns and to make current and future marketing decisions. Prices received for major farm commodities are used in computing the Index of Prices Received by Farmers, an important indicator of the economic environment of the nation's agricultural producers.

Marketing year average prices, by commodity, Colorado, 1991-99

Commodity	Price per unit ^{1/}									
	Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999
Dollars										
Wheat, all	Bu.	3.07	3.15	3.21	3.48	4.64	4.26	3.17	2.49	2.50
Wheat, winter	Bu.	3.07	3.15	3.21	3.48	4.65	4.27	3.17	2.49	2.50
Wheat, spring	Bu.	3.05	3.00	2.83	3.28	4.30	3.97	3.16	2.36	2.40
Corn, grain	Bu.	2.43	2.23	2.65	2.38	3.33	2.76	2.59	1.96	1.95
Corn, silage	Ton	20.00	19.10	19.90	22.00	22.00	24.00	24.00	22.00	20.00
Barley, all	Bu.	3.14	2.57	2.93	2.64	2.95	3.05	2.98	2.84	2.65
Sorghum, grain	Bu.	2.25	1.92	2.50	2.14	3.14	2.27	2.19	1.65	1.40
Sorghum, silage	Ton	17.70	18.00	20.00	20.00	20.00	19.00	21.50	21.00	19.50
Dry beans ^{2/}	Cwt.	13.70	19.00	27.00	16.60	18.50	22.50	18.70	15.60	15.70
Sunflowers, all ^{3/}	Cwt.	9.60	10.20	13.20	11.30	12.70	13.30	12.30	11.50	8.80
Oil varieties	Cwt.	8.00	8.75	12.30	10.20	11.40	10.80	10.90	10.70	7.40
Non-oil varieties	Cwt.	11.70	13.00	15.00	14.00	14.10	15.80	14.30	13.90	11.50
Sugar beets	Ton	39.80	39.50	38.40	35.70	35.40	41.20	34.10	35.40	^{5/}
Oats	Bu.	1.60	1.70	1.82	1.80	2.17	2.24	2.05	1.70	1.70
Hay, all (baled)	Ton	70.50	64.50	77.00	91.00	88.50	98.00	101.00	92.00	69.50
Potatoes, all	Cwt.	2.25	4.20	6.05	3.75	6.25	1.90	4.60	4.70	4.70
Potatoes, summer	Cwt.	4.90	5.55	5.35	5.15	6.45	4.10	5.30	5.35	5.90
Potatoes, fall	Cwt.	2.00	4.05	6.15	3.55	6.25	1.60	4.50	4.60	4.55
Rye	Bu.	1.90	2.30	2.61	2.50	2.55	3.41	3.30	1.80	1.40
Apples, commercial	Lb.	.156	.145	.147	.157	.145	.202	.151	.119	.220
Cherries, tart	Lb.	.414	.365	.249	.355	.414	.473	.560	.307	.303
Peaches	Lb.	.380	.333	.311	.319	.496	.496	.661	.488	.640
Pears	Ton	298.00	284.00	348.00	268.00	357.00	436.00	295.00	449.00	657.00
Cabbage ^{4/}	Cwt.	---	5.90	8.90	7.80	6.20	8.50	7.20	8.20	8.40
Cantaloupe ^{4/}	Cwt.	---	10.00	9.70	12.80	12.30	10.80	15.00	13.40	13.60
Carrots	Cwt.	8.00	10.60	8.60	10.00	13.50	7.10	10.00	10.60	9.70
Cucumbers for pickles	Ton	113.00	168.00	210.00	200.00	129.00	150.00	180.00	160.00	^{6/}
Lettuce	Cwt.	6.42	15.80	10.80	8.89	7.65	7.00	14.60	10.80	9.80
Onions	Cwt.	12.40	14.70	21.70	13.20	11.20	13.60	11.80	16.20	11.70
Spinach ^{4/}	Cwt.	---	26.10	29.10	30.00	25.00	28.60	32.00	40.00	26.40
Sweet Corn	Cwt.	11.00	6.30	10.50	10.80	8.60	9.20	8.70	11.00	7.30
Tomatoes, processing	Ton	100.00	90.00	100.00	110.00	110.00	110.00	^{6/}	^{6/}	^{6/}
Beef cattle	Cwt.	75.30	74.10	76.80	69.20	64.70	61.80	65.20	61.30	65.30
Milk cows	Hd.	1,160.00	1,150.00	1,200.00	1,220.00	1,170.00	1,160.00	1,180.00	1,210.00	1,360.00
Calves	Cwt.	103.00	96.20	101.00	90.10	75.20	60.70	86.20	84.10	89.40
Steers & heifers	Cwt.	76.30	76.30	78.50	70.50	66.60	63.80	67.10	63.00	67.40
Cows	Cwt.	51.50	53.20	52.20	47.10	36.90	32.60	37.80	34.80	36.30
Sheep	Cwt.	22.40	26.40	28.80	29.10	27.30	30.40	36.10	30.00	29.90
Lambs	Cwt.	54.00	61.20	64.00	65.60	79.60	88.40	89.80	72.20	74.30
Hogs	Cwt.	52.10	43.90	47.00	41.60	42.00	54.70	55.60	36.40	31.80
Chickens	Lb.	.110	.100	.100	.070	.040	.030	.030	.030	.040
Eggs	Doz.	.730	.614	.688	.660	.706	.756	.720	.671	.636
Milk sold to plants	Cwt.	12.70	13.40	13.00	13.60	13.00	14.60	13.00	15.70	15.20
Wool	Lb.	.52	.74	.50	.72	1.09	.73	.89	.53	.40

^{1/} Does not include government payment. ^{2/} Price applies to clean basis. ^{3/} Estimates began in 1991. ^{4/} Estimates resumed in 1992.

^{5/} Available February 2001. ^{6/} Estimates discontinued.

Prices Received: Monthly averages selected commodities, Colorado, 1991-99

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
All Wheat												
Dollars Per Bushel												
1991	2.39	2.31	2.44	2.56	2.62	2.61	2.47	2.57	2.81	3.10	3.32	3.41
1992	3.47	3.88	3.77	3.67	3.44	3.48	3.06	2.79	3.07	3.18	3.22	3.26
1993	3.36	3.29	3.24	3.02	2.99	2.97	2.70	2.83	2.83	3.01	3.19	3.54
1994	3.58	3.35	3.28	3.33	3.15	3.03	3.02	3.12	3.48	3.67	3.68	3.64
1995	3.71	3.65	3.51	3.46	3.53	3.92	4.20	4.22	4.40	4.60	4.79	4.87
1996	4.87	5.08	5.24	5.67	5.59	5.50	4.78	4.60	4.19	4.17	4.16	4.09
1997	4.20	4.06	4.07	4.25	4.17	3.67	3.20	3.33	3.31	3.21	3.16	3.25
1998	3.17	3.18	3.25	3.08	2.92	2.87	2.52	2.25	2.24	2.68	2.67	2.69
1999	2.76	2.66	2.58	2.42	2.29	2.36	2.12	2.28	2.29	2.30	2.22	2.26
Corn for Grain												
Dollars Per Bushel												
1991	2.28	2.34	2.40	2.48	2.48	2.49	2.43	2.49	2.43	2.35	2.37	2.39
1992	2.40	2.49	2.53	2.53	2.54	2.57	2.51	2.27	2.34	2.25	2.19	2.16
1993	2.17	2.14	2.21	2.23	2.26	2.24	2.29	2.34	2.47	2.43	2.49	2.68
1994	2.80	2.77	2.82	2.81	2.79	2.80	2.44	2.45	2.35	2.25	2.22	2.32
1995	2.25	2.29	2.34	2.40	2.50	2.61	2.87	2.85	3.02	2.92	2.95	3.20
1996	3.22	3.60	3.63	4.11	4.61	4.72	4.83	4.49	4.00	2.94	2.91	2.70
1997	2.66	2.67	2.83	2.78	2.75	2.59	2.61	2.60	2.68	2.65	2.57	2.55
1998	2.65	2.57	2.61	2.42	2.41	2.81	2.77	2.05	1.87	2.02	1.97	1.96
1999	1.92	1.98	1.99	1.96	1.91	2.00	1.95	1.86	1.88	1.79	1.75	1.74
Sorghum for Grain												
Dollars Per Cwt												
1991	3.64	3.85	3.94	4.23	4.06	3.80	3.93	4.28	3.80	3.91	3.76	3.80
1992	4.00	4.20	4.29	4.25	4.31	4.23	4.06	3.85	1/	3.37	3.32	3.40
1993	3.37	3.30	3.27	3.51	3.38	3.10	3.63	3.64	4.19	3.93	4.28	4.50
1994	4.45	4.97	4.78	4.79	4.34	4.48	3.50	3.97	3.56	3.62	3.52	3.60
1995	3.65	3.76	3.84	4.16	4.21	4.22	4.68	4.49	5.48	5.22	5.11	5.29
1996	6.10	6.23	6.62	7.22	8.15	8.11	7.75	6.93	6.40	2/	2/	2/
1997	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
1998	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
1999	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
All Barley												
Dollars Per Bushel												
1991	2.94	3.20	3.17	2.41	2.25	2.32	2.57	3.54	2.66	3.28	3.30	3.33
1992	3.21	3.32	2.24	2.20	2.57	2.89	2.52	3.25	2.44	3.32	2.26	2.11
1993	2.36	2.31	2.31	3.01	2.05	1.94	3.16	3.17	2.40	2.55	3.26	2.22
1994	2.50	2.50	2.19	2.55	2.35	2.29	2.78	3.08	2.51	2.11	2.80	2.12
1995	2.07	2.06	2.15	2.18	2.30	2.38	2.18	2.90	2.73	2.84	3.09	3.03
1996	2.91	3.26	2.71	3.05	3.19	3.54	3.18	3.15	3.04	3.03	2.99	3.10
1997	2.64	2.41	2.40	2.61	3.03	2.56	3.24	3.14	2.92	3.02	2.74	2.14
1998	2.15	2.50	2.40	2.49	2.16	2.04	3.04	2.93	2.78	3.13	2.64	2.16
1999	2.13	1.74	1.77	1.73	1.81	1.71	3.02	2.97	1.77	2.44	1.78	1.70
Feed Barley												
Dollars Per Bushel												
1991	1.99	2.00	2.05	2.32	2.24	2.32	2.08	2.04	1.94	2.01	2.20	2.12
1992	2.19	2.40	2.24	2.20	2.29	2.17	2.07	1.84	1.87	1.90	1.95	2.00
1993	2.10	2.05	1.98	2.02	2.05	1.94	1.93	2.03	2.07	1.94	2.12	2.22
1994	2.30	2.50	2.19	2.55	2.35	2.29	2.12	1.96	1.99	2.07	2.09	2.05
1995	2.04	2.06	2.15	2.18	2.30	2.38	2.18	2.37	2.38	2.82	2.99	3.07
1996	2.91	3.33	2.71	3.46	3.19	3.54	3.14	3.06	2.80	2.62	2.57	2.51
1997	2.60	2.41	2.40	2.61	2.66	2.56	2.20	2.09	2.08	2.02	2.30	2.14
1998	2.15	2.21	2.32	2.02	2.16	2.04	1.89	1.70	1.50	1.67	1.54	1.71
1999	1.74	1.74	1.69	1.68	1.81	1.70	1.53	1.60	1.67	1.64	1.65	1.55

1/ Insufficient sales.

2/ Discontinued monthly price October 1996.

Prices Received: Monthly averages selected commodities, Colorado, 1991-99

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Dry Beans												
Dollars Per Cwt												
1991	14.80	15.70	15.90	15.90	17.60	17.80	16.40	14.40	13.40	13.30	12.80	12.60
1992	11.80	13.40	13.60	13.80	14.10	14.30	15.20	16.00	18.40	19.20	20.30	20.40
1993	20.40	20.10	18.80	17.90	17.10	17.10	17.30	19.60	22.90	29.30	29.90	29.30
1994	29.70	30.20	28.40	28.10	27.70	24.70	21.30	27.30	16.80	17.20	17.20	16.20
1995	15.40	15.30	16.00	16.30	16.70	17.20	17.00	16.30	16.50	16.90	15.40	15.30
1996	15.50	16.70	18.10	21.80	26.80	27.00	26.10	25.00	26.00	23.60	23.20	22.20
1997	21.30	21.10	19.90	19.70	19.90	20.40	19.40	18.30	15.50	15.70	17.80	19.20
1998	22.10	22.90	19.90	21.50	21.00	21.60	21.50	20.20	16.70	16.30	17.80	16.40
1999	15.30	14.60	14.00	13.90	13.90	13.90	14.60	14.10	17.70	16.20	15.50	14.20
All Hay, Baled												
Dollars Per Ton												
1991	79.00	79.00	81.00	78.00	77.00	75.00	75.00	74.00	74.00	72.00	71.00	71.00
1992	67.00	68.00	66.00	67.00	65.00	65.00	61.00	63.00	61.00	62.00	62.00	63.00
1993	65.00	68.00	72.00	74.00	72.00	71.00	76.00	73.00	73.00	72.00	75.00	77.00
1994	83.00	86.00	94.00	91.00	89.00	90.00	88.00	90.00	93.00	91.00	91.00	94.00
1995	92.00	89.00	93.00	91.00	90.00	91.00	89.00	90.00	90.00	90.00	87.00	87.00
1996	89.00	88.00	82.00	84.00	88.00	87.00	85.00	93.00	95.00	98.00	98.00	98.00
1997	106.00	109.00	111.00	115.00	125.00	120.00	100.00	100.00	101.00	100.00	101.00	101.00
1998	105.00	100.00	102.00	97.00	91.00	85.00	92.00	91.00	95.00	98.00	100.00	89.00
1999	103.00	93.00	82.00	81.00	78.00	75.00	74.00	74.00	70.00	67.00	65.00	66.00
Alfalfa Hay, Baled												
Dollars Per Ton												
1991	80.00	79.00	81.00	79.00	77.00	75.00	75.00	72.00	74.00	73.00	72.00	72.00
1992	68.00	68.00	66.00	67.00	65.00	65.00	61.00	63.00	61.00	62.00	63.00	63.00
1993	65.00	68.00	72.00	74.00	72.00	71.00	76.00	73.00	73.00	72.00	75.00	77.00
1994	83.00	86.00	94.00	91.00	89.00	90.00	88.00	90.00	93.00	91.00	91.00	94.00
1995	92.00	89.00	93.00	91.00	90.00	91.00	89.00	89.00	90.00	90.00	87.00	87.00
1996	90.00	89.00	83.00	85.00	89.00	87.00	85.00	94.00	96.00	99.00	99.00	99.00
1997	107.00	111.00	111.00	115.00	125.00	120.00	100.00	100.00	100.00	100.00	100.00	100.00
1998	105.00	100.00	102.00	97.00	90.00	85.00	92.00	90.00	93.00	97.00	98.00	88.00
1999	102.00	92.00	81.00	80.00	78.00	75.00	74.00	74.00	71.00	67.00	66.00	66.00
All Other Hay, Baled												
Dollars Per Ton												
1991	77.00	75.00	76.00	75.00	74.00	73.00	74.00	77.00	76.00	70.00	67.00	67.00
1992	66.00	63.00	67.00	66.00	67.00	65.00	65.00	67.00	59.00	60.00	60.00	61.00
1993	63.00	64.00	66.00	68.00	67.00	69.00	74.00	72.00	69.00	69.00	71.00	78.00
1994	79.00	81.00	87.00	88.00	86.00	88.00	85.00	84.00	87.00	89.00	89.00	93.00
1995	94.00	91.00	95.00	93.00	93.00	92.00	90.00	92.00	89.00	85.00	85.00	85.00
1996	80.00	82.00	73.00	74.00	75.00	76.00	75.00	81.00	87.00	85.00	87.00	88.00
1997	98.00	95.00	100.00	110.00	115.00	110.00	105.00	105.00	105.00	105.00	110.00	110.00
1998	110.00	105.00	106.00	105.00	98.00	93.00	100.00	98.00	101.00	105.00	106.00	96.00
1999	110.00	100.00	89.00	86.00	80.00	65.00	70.00	70.00	65.00	61.00	60.00	60.00
All Potatoes												
Dollars Per Cwt												
1991	4.30	4.10	4.00	4.25	4.10	7.75	8.00	4.50	3.65	2.30	2.30	2.00
1992	2.05	2.05	1.60	1.45	1.35	2.75	5.35	5.40	5.50	4.90	4.10	3.65
1993	3.65	3.60	3.75	4.00	4.50	4.15	4.15	4.60	4.50	5.10	5.90	5.70
1994	5.60	5.90	7.90	7.35	6.85	5.80	6.15	5.75	3.50	3.00	2.95	3.15
1995	2.85	2.70	3.30	2.95	4.15	6.85	8.95	6.75	7.50	6.20	6.00	5.50
1996	6.25	6.60	6.90	6.45	6.25	6.00	4.95	4.55	3.40	2.95	2.20	1.60
1997	1.55	1.65	1.70	1.25	.85	.75	2.85	5.50	5.70	5.10	4.75	4.45
1998	4.50	4.45	4.75	4.30	4.05	3.90	4.60	5.95	5.60	4.55	3.90	3.65
1999	3.75	4.05	4.30	4.70	5.35	5.90	7.35	7.20	5.90	4.80	4.50	4.25

Prices Received: Monthly averages selected commodities, Colorado, 1989-99

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Beef Cattle												
Dollars Per Cwt												
1989	74.00	74.40	76.90	76.00	73.30	70.50	71.00	72.70	71.10	72.90	73.20	72.90
1990	77.30	77.90	78.40	79.00	77.30	77.30	76.30	78.90	80.30	80.20	78.80	79.80
1991	78.90	80.10	81.90	81.20	80.10	74.70	73.40	69.50	69.20	73.70	72.10	70.00
1992	71.10	74.70	76.50	76.20	74.50	71.60	72.00	73.00	75.30	75.20	73.90	74.60
1993	79.50	79.30	81.70	82.50	79.40	76.20	73.50	75.50	74.80	73.10	73.80	71.50
1994	73.80	72.60	75.60	75.40	67.90	63.70	63.90	67.40	66.30	67.30	68.60	67.40
1995	71.30	72.10	69.90	66.00	64.30	62.70	60.50	61.60	62.20	61.80	64.00	62.80
1996	60.70	60.40	59.50	56.90	59.00	59.00	63.10	64.80	66.40	64.70	65.80	63.10
1997	62.60	64.30	67.00	67.10	66.20	62.80	62.20	65.10	66.80	67.50	66.30	65.30
1998	64.40	60.40	63.10	64.80	64.00	63.40	58.90	57.90	57.90	61.30	61.60	58.40
1999	61.80	62.50	64.80	64.90	63.50	64.30	62.80	64.00	66.10	70.20	69.50	70.90
Cows												
Dollars Per Cwt												
1989	50.00	57.60	50.50	53.70	47.50	47.20	46.50	51.20	50.50	48.80	47.50	49.40
1990	53.40	54.00	54.30	54.20	56.70	56.80	55.80	56.10	53.90	50.50	48.80	51.00
1991	51.00	52.70	54.10	55.20	54.90	52.80	52.40	51.90	49.60	51.60	47.60	51.30
1992	52.10	56.30	56.30	56.70	55.40	54.20	56.20	52.60	53.60	49.50	48.10	50.60
1993	53.00	54.50	54.00	56.50	55.70	56.10	55.40	54.60	53.90	49.80	47.50	47.40
1994	49.50	51.30	52.30	52.60	51.70	48.70	49.00	49.00	45.30	38.80	36.00	37.20
1995	40.10	44.30	42.20	39.00	37.90	39.40	36.80	37.50	35.30	33.20	31.10	31.60
1996	33.50	34.70	33.70	30.30	32.30	33.00	34.00	34.80	33.80	32.00	29.90	29.90
1997	30.80	35.30	40.10	41.90	40.50	40.80	41.40	42.30	41.10	37.10	32.40	33.30
1998	35.60	36.90	36.80	37.00	36.60	36.50	35.50	35.10	33.10	30.30	30.40	30.60
1999	34.00	36.60	35.80	35.90	35.70	36.40	38.80	37.20	37.10	36.40	34.60	36.90
Steers and Heifers												
Dollars Per Cwt												
1989	76.10	75.60	78.70	77.30	75.70	72.60	71.90	74.10	72.80	75.10	77.70	77.30
1990	79.50	79.30	80.00	80.50	78.90	77.80	76.70	79.80	80.90	81.50	83.20	81.60
1991	80.60	81.10	82.80	82.10	80.90	75.50	73.70	69.80	69.60	75.60	74.30	71.40
1992	73.10	77.10	78.50	78.00	76.60	73.30	73.50	74.50	76.70	77.80	77.40	77.90
1993	81.80	81.20	83.50	84.50	81.70	77.30	74.30	76.10	75.90	76.00	76.10	73.60
1994	75.60	74.00	77.10	77.10	68.70	64.50	64.70	68.00	67.40	68.80	71.40	70.00
1995	73.70	73.90	71.70	68.00	65.70	63.90	61.70	62.60	63.00	65.30	66.90	65.50
1996	63.10	62.00	61.10	58.90	64.40	60.40	64.30	65.70	68.10	68.70	68.90	66.00
1997	65.40	66.50	68.70	68.70	68.10	64.00	63.30	66.10	67.60	69.10	70.50	68.10
1998	66.90	62.20	64.40	66.60	66.10	64.80	60.10	58.80	58.90	62.90	65.50	60.80
1999	64.00	64.50	66.60	66.80	65.60	66.40	64.10	65.10	67.00	72.00	73.80	73.90
Calves												
Dollars Per Cwt												
1989	92.80	97.10	94.60	90.90	87.40	89.70	93.00	99.70	96.10	93.50	91.00	94.30
1990	96.40	100.00	100.00	102.00	103.00	102.00	106.00	101.00	101.00	98.70	100.00	102.00
1991	104.00	107.00	113.00	112.00	114.00	109.00	106.00	100.00	102.00	99.20	98.00	94.70
1992	95.40	101.00	105.00	99.10	97.10	99.70	98.00	102.00	97.30	92.50	94.00	97.70
1993	103.00	104.00	107.00	107.00	107.00	106.00	108.00	100.00	101.00	99.50	98.50	98.30
1994	103.00	103.00	104.00	101.00	98.50	92.90	92.50	90.00	82.10	81.20	84.40	85.50
1995	89.30	88.20	85.90	81.10	79.20	79.20	70.50	70.70	68.50	64.90	64.50	65.40
1996	63.00	62.80	61.80	56.50	58.40	56.70	57.10	59.40	61.70	61.90	63.50	67.30
1997	73.80	78.40	82.80	85.80	86.60	88.70	90.00	94.60	89.00	89.10	86.70	88.70
1998	91.80	91.10	94.50	95.00	93.00	81.80	71.90	75.20	74.40	77.10	79.50	82.70
1999	86.90	84.20	88.50	90.80	88.20	91.00	87.60	83.90	89.90	91.30	92.80	101.00

Prices Received: Monthly averages selected commodities, Colorado, 1989-99

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Milk Cows for Dairy Herd Replacement <u>1/</u>												
Dollars Per Head												
1989	1,030	---	---	1,100	---	---	1,100	---	---	1,100	---	---
1990	1,080	---	---	1,100	---	---	1,200	---	---	1,250	---	---
1991	1,180	---	---	1,150	---	---	1,170	---	---	1,150	---	---
1992	1,100	---	---	1,150	---	---	1,200	---	---	1,150	---	---
1993	1,170	---	---	1,200	---	---	1,230	---	---	1,200	---	---
1994	1,240	---	---	1,230	---	---	1,210	---	---	1,190	---	---
1995	1,160	---	---	1,180	---	---	1,180	---	---	1,170	---	---
1996	1,110	---	---	1,170	---	---	1,160	---	---	1,200	---	---
1997	1,170	---	---	1,180	---	---	1,180	---	---	1,180	---	---
1998	1,130	---	---	1,200	---	---	1,200	---	---	1,300	---	---
1999	1,300	---	---	1,300	---	---	1,400	---	---	1,450	---	---
Milk Sold to Plants <u>2/</u>												
Dollars Per Cwt												
1989	14.80	14.60	14.10	13.80	13.70	13.70	13.80	14.60	15.20	15.70	16.00	16.60
1990	16.60	15.70	14.90	14.10	14.20	14.20	14.50	14.90	14.90	14.00	13.50	12.10
1991	12.30	12.30	11.90	11.80	11.60	11.80	12.30	12.80	13.40	13.90	14.10	14.20
1992	13.90	13.30	12.90	12.90	13.00	13.50	13.70	13.90	14.10	13.90	13.20	13.00
1993	12.50	12.40	12.30	12.80	13.20	13.20	13.10	12.60	12.80	13.40	14.00	13.90
1994	14.40	14.10	14.10	14.20	13.60	13.30	12.60	12.70	13.10	13.60	13.70	13.50
1995	13.10	13.10	13.20	13.00	12.60	12.20	12.20	12.40	12.60	13.40	13.80	13.90
1996	14.10	13.90	13.80	14.00	14.20	14.50	15.10	15.50	16.20	15.90	14.90	13.70
1997	12.80	12.90	13.10	12.80	12.40	11.90	11.80	12.50	13.00	13.90	14.40	14.40
1998	15.00	15.20	15.10	14.60	13.70	14.30	13.80	15.70	17.00	17.90	18.20	18.70
1999	18.40	16.70	16.80	13.00	13.60	13.50	13.90	14.50	16.60	16.40	16.40	12.90
Sheep												
Dollars Per Cwt												
1989	41.20	36.70	36.30	30.90	13.80	21.30	22.80	21.60	22.00	23.40	28.10	32.70
1990	36.10	35.90	28.20	22.10	18.40	22.30	24.20	23.00	18.20	17.40	22.70	24.20
1991	24.70	23.50	26.30	24.30	20.30	24.90	23.20	23.50	21.80	18.70	19.50	22.30
1992	24.50	27.90	35.70	30.40	24.70	22.80	25.30	27.30	25.90	24.00	24.90	28.10
1993	29.70	35.70	33.90	27.40	29.30	30.20	29.40	29.90	26.30	23.30	27.00	31.10
1994	30.20	34.40	34.50	29.60	26.90	31.00	27.60	28.80	27.30	25.20	26.20	35.40
1995	30.50	32.00	30.20	29.20	25.40	27.10	29.00	28.10	25.30	24.20	23.20	26.40
1996	35.60	33.80	33.50	29.80	26.30	25.90	33.70	30.60	31.60	29.40	31.60	28.70
1997	40.50	39.90	40.20	36.30	28.00	33.70	42.90	39.00	32.70	35.80	36.80	36.80
1998	41.50	40.60	39.90	33.90	30.00	31.20	31.70	29.30	25.70	24.60	26.70	31.40
1999	34.60	30.90	31.30	30.10	27.80	31.10	31.70	29.40	26.00	26.00	31.90	39.90
Lambs												
Dollars Per Cwt												
1989	64.60	65.60	70.20	68.70	70.10	70.90	69.40	66.10	65.40	57.10	53.50	53.20
1990	51.00	52.60	63.90	60.90	52.70	53.20	53.50	55.60	56.20	55.90	53.20	50.00
1991	48.60	45.30	50.90	54.40	57.80	57.40	60.70	56.80	55.70	55.30	53.30	53.30
1992	53.20	53.60	62.20	68.30	69.60	67.50	64.60	58.30	58.40	56.30	58.20	65.10
1993	66.10	72.20	78.60	70.60	60.40	51.30	51.10	55.70	65.40	65.10	67.10	68.40
1994	61.20	58.50	60.10	55.40	50.10	58.30	75.40	81.90	79.20	76.60	75.80	73.80
1995	70.30	70.30	75.10	75.30	79.50	88.10	89.90	90.30	86.60	81.80	79.80	78.50
1996	76.20	83.00	85.90	85.70	88.80	104.00	103.00	92.50	91.20	88.00	84.20	86.10
1997	91.20	101.00	98.20	94.60	90.00	82.80	77.00	90.90	91.40	84.30	81.60	81.60
1998	81.60	76.10	69.90	62.80	59.60	89.60	84.70	85.50	77.90	71.70	62.60	63.50
1999	67.10	67.40	67.60	66.10	83.80	82.90	78.00	83.50	79.10	72.80	74.70	74.70

1/ Includes springer heifers.

2/ Beginning in 1998, prices include the value of milk sold directly to consumers.

1999 LIVESTOCK REVIEW

SUMMARY - Colorado farmers and ranchers had 3.15 million head of all cattle and calves on hand as of January 1, 2000, down 2 percent from one year earlier. The number of sheep and lambs was unchanged, at 440,000 head. The December 1, 1999 inventory of all hogs and pigs increased 5 percent from a year to 910,000 head. The December 1, 1999 inventory of all chickens was down 3 percent to 4.48 million birds. Colorado ranks 10th in the number of all cattle and calves, 4th in the number of all sheep and lambs, 14th in the number of all hogs and pigs, and 26th in the number of all chickens. The state also ranks as the 4th largest cattle feeder with marketings of more than two million head of fed cattle annually in each of the past 18 years. Colorado ranks 3rd in the number of market sheep and lambs. More than one million head of sheep and lambs have been slaughtered in the state in each of the last 20 years, making Colorado the Nation's largest producer of lamb.

The state's dairy cow numbers have remained fairly constant in recent years, with an annual average number of milk cows fluctuating between 77 and 84 thousand head. However, during the 1990's the number of operations has declined sharply while the average herd size has increased. Disease and other problems within the bee industry during the last few years reduced the number of colonies and honey production to record or near record lows. The state's trout producers have sold more than \$2 million of fish of various sizes each year since estimates were begun in 1989.

The total inventory value of the cattle, sheep, hogs, and chickens on hand at the beginning of the year (using the January 1 and December 1 reference dates) was \$2.36 billion, up 21 percent from the comparable value of \$1.95 billion one year earlier. The value per head was well above the previous year for cattle and hogs, slightly lower for sheep and lambs, and slightly higher for all chickens.

Pasture and range feed conditions were rated mostly good to fair throughout the early part of the season. Late April rains extended into May, stimulating forage growth as warmer summer temperatures arrived in mid June. Overall pasture and range feed condition ratings were mostly good to excellent from mid June through the middle of September. Condition ratings then dropped to mostly good and remained at that level for the remainder of the season. Late season moisture was limited, but forage supplies were still plentiful for late season grazing. A very mild winter enabled full use of crop residues for grazing and helped keep supplemental feed requirements at low levels.

CATTLE AND CALVES - The January 1, 2000 inventory of all cattle and calves declined 2 percent from a year earlier to 3.15 million head. The number of cattle and calves in

feedlots being fed for the slaughter market increased 3 percent to 1.2 million head and accounted for 38.1 percent of the state's total inventory. During 1999, there were 280 feedlots of all sizes in operation in Colorado. Those feedlots marketed 2.64 million head of fed cattle for the slaughter market compared with 2.56 million marketed from 280 feedlots one year earlier. The 24 largest feedlots marketed 73 percent of the annual total in 1999. The number of beef cows, at 837,000 head, was unchanged from the previous year and the number of milk cows was also unchanged at 83,000 head on hand at the beginning of 2000.

There were 930,000 heifers 500 pounds and over on hand at the beginning of 2000, up 2 percent from the previous year. Of that total, 150,000 were being kept for beef cow replacement (up 3 percent) and 40,000 head were being kept for milk cow replacement (down 11 percent). The remaining 740,000 were other heifers (up 3 percent) of which 520,000 were being fed for the slaughter market in feedlots with a capacity of 1,000 head or larger. The January 1, 2000 inventory also included 990,000 head of steers weighing 500 pounds or more (down 5 percent) of which 650,000 were in feedlots with a capacity of 1,000 head or larger. Of the 1,200,000 head of cattle on feed, 1,180,000 head were in feedlots with a capacity of 1,000 head or larger. The number of bulls weighing 500 pounds or more was unchanged from the previous year at 50,000 head. The number of calves (steers, heifers, and bulls weighing under 500 pounds), at 260,000 head, was down 7 percent from the previous year. The 1999 calf crop in Colorado totaled 870,000 head, unchanged from the number of calves born in 1998.

Milk production during 1999, at 1.73 billion pounds, was up 2 percent from the previous year to a new record high. The annual average number of milk cows on hand was unchanged from a year earlier at 83,000. However, producers obtained a new record high average production of 20,819 pounds per cow in 1999. This average was exceeded by only two other states.

The total inventory value of all cattle and calves in Colorado as of January 1, 2000 was \$2.24 billion, 21 percent above the \$1.86 billion for January 1, 1999 as a 22 percent increase in the average value per head more than offset the smaller inventory. The average value of \$710 per head represented an increase of \$130 per head from the previous year. The number of operations with cattle at any time during 1999, at 15,000, was down 3 percent from the previous year. Just over 7 percent of the cattle operations accounted for 69 percent of the total inventory. The number of beef cow operations was down 4 percent from the previous year to 11,200 while the number of milk cow operations was unchanged at 900 for 1999.

SHEEP AND LAMBS - The January 1, 2000 inventory of all sheep and lambs in Colorado was 440,000 head, unchanged from a year earlier. The total breeding sheep and lamb inventory as of January 1, 2000 was down 5 percent to 210,000 while the number of market sheep and lambs increased 5 percent to 230,000 head. The number of ewes one year old and older, at 175,000, was down 5 percent from January 1, 1999; rams one year old and older, at 6,000 head, were unchanged; and replacement lambs less than one year of age were also unchanged at 29,000 head. The 1999 lamb crop of 210,000 head was down 5 percent from the number born in 1998.

On January 1, 2000, the 230,000 head of market sheep and lambs consisted of 1,000 sheep and 229,000 lambs. The 229,000 head of market lambs were estimated to be in the following weight groups: 4,000 head weighing less than 65 pounds, 6,000 head in the 65 through 84 pound category, 47,000 head in the 85 through 105 pound category, and 172,000 head weighing more than 105 pounds.

The January 1, 2000 inventory value of all sheep and lambs in Colorado was estimated at \$39.16 million, down 4 percent from a year earlier. While the inventory was unchanged, the mix between breeding and market stock and the associated inventory values per head resulted in the lower inventory value. The number of operations in the state with sheep was 1,500 for 1999, down from 1,700 operations a year earlier.

HOGS AND PIGS - The December 1, 1999 inventory of all hogs and pigs in Colorado was 910,000 head. This was a 5 percent increase over the December 1, 1998 level and a new record high level for the state. This is the fourteenth consecutive year in which inventory numbers have been unchanged or higher than the previous year. The December 1, 1986 inventory number of 190,000 head of all hogs and pigs was the lowest since 1965 when 169,000 head were on hand as of December 1 of that year.

The December 1, 1999 breeding hog inventory increased 17 percent from a year earlier to a record high 210,000 head. The market hog inventory of 700,000 head increased 1 percent, also a new record high for the state. The state's total pig crop for 1999 totaled 2.80 million head, up 14 percent from the 1998 pig crop of 2.45 million head. The 332,000 sows farrowed during 1999 increased 16 percent from the 286,000 sows farrowed in the previous year. Producers averaged 8.4 pigs weaned per litter for the year compared with 8.6 pigs per litter in 1998.

The December 1, 1999 inventory value of all hogs and pigs was placed at \$70.98 million, 70 percent higher than a year earlier. The average value, at \$78.00 per head, increased \$30.00 per head from the previous year which complimented the larger inventory. The number of operations with hogs

during 1999 dropped by half from a year earlier to just 500. As with numerous other states, the number of hogs and pigs are being concentrated in fewer, but larger, operations.

CHICKENS AND EGGS - The all chicken inventory in Colorado as of December 1, 1999 totaled just under 4.5 million birds, down 3 percent from the 4.6 million on hand one year earlier. The total number of layers increased 2 percent to 3.80 million. Of that total, 1.05 million were one year old and older (down 53 percent) and 2.75 million were less than one year of age (up 85 percent). The total inventory also included 210,000 pullets 13 to 20 weeks of age and 300,000 pullets less than 13 weeks of age. The remaining inventory of 169,000 other chickens represented an increase of 30 percent from the previous year.

During the period from December 1, 1998 through November 30, 1999, the state's laying flocks produced 921 million eggs, down 3 percent from the previous year. The annual average number of layers declined 3 percent to 3.54 million while the average number of eggs per layer, at 260, was up from 258 the previous year.

The total inventory value of all chickens was \$12.09 million, up 10 percent from a year earlier as a higher average value per bird more than offset the 3 percent decline in the total inventory. The average value per bird was \$2.70, up 30 cents from the December 1, 1998 average.

BEES AND HONEY - Honey production in Colorado during 1999 totaled 2.05 million pounds, up 6 percent from 1998. The number of colonies was unchanged from the previous year at 27,000. However, the yield per colony increased from 72 pounds in 1998 to 76 pounds in 1999. The 1999 honey crop was valued at just under \$1.40 million, up 2 percent from 1998. Producers received an average of 68 cents per pound for honey sold in 1999, down 2 cents from a year earlier. Producer stocks of honey on hand as of December 15, 1999 totaled just over 1.4 million pounds, 10 percent under the December 15, 1998 stocks.

TROUT - There were 45 operations in Colorado during 1999 from which the value of trout sales and the value of distributed trout totaled \$7.27 million. Prior to 1999, trout estimates did not include the value of distributed trout. Producers marketed and/or distributed 2.48 million pounds of foodsize, stocker, and fingerling fish during 1999 and received an average price of \$2.93 per pound. The value of foodsize fish totaled \$2.05 million. Producers received an average price of \$2.59 per pound for foodsize trout. The value of stockers totaled \$3.78 million. The average price received for stockers was \$2.66. The value of fingerlings totaled \$1.44 million, with 96 percent represented by distributed fingerlings. Producers received an average price of \$141.00 per 1,000 fish for fingerlings.

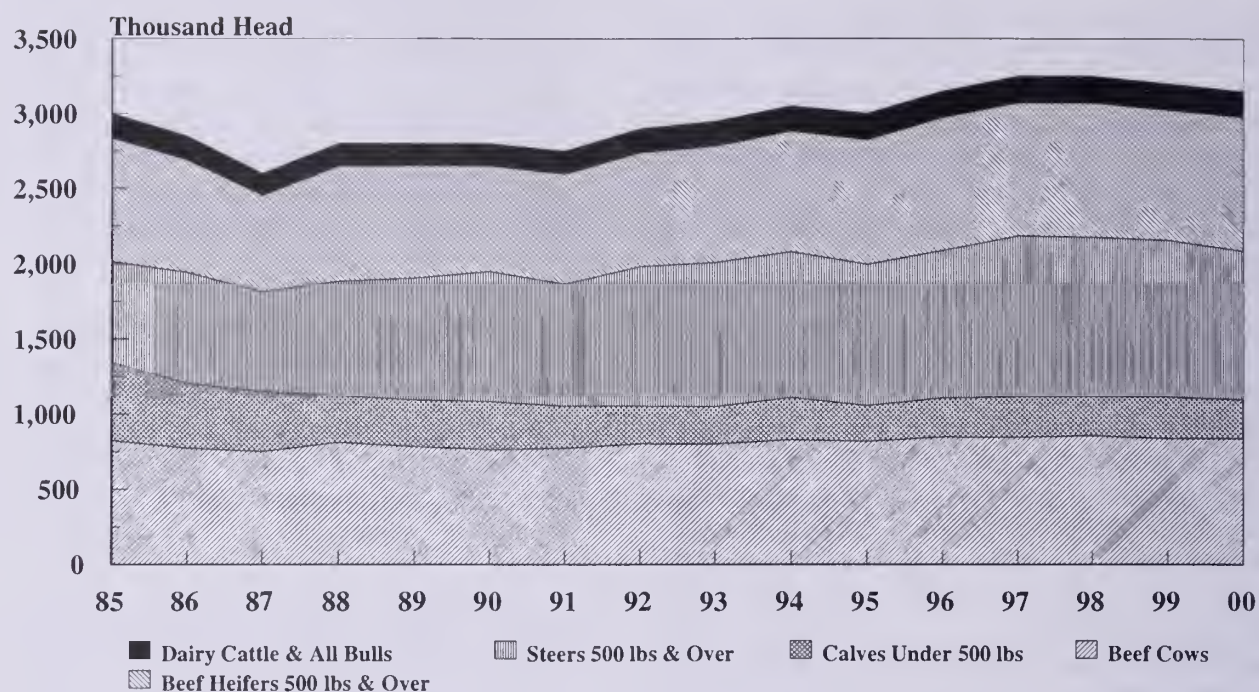
Livestock: Inventory by class, Colorado, January 1, 1993-00

Class	1993	1994	1995	1996	1997	1998	1999	2000
	Thousands							
All cattle and calves	2,950	3,050	3,000	3,150	3,250	3,250	3,200	3,150
All cows & heifers that have calved	880	910	900	930	930	940	920	920
Beef cows & heifers	800	830	817	848	846	856	837	837
Milk cows & heifers	80	80	83	82	84	84	83	83
Heifers 500 lbs & over	810	840	870	930	930	940	910	930
For beef cow replacement	160	160	155	160	160	150	145	150
For milk cow replacement	40	40	45	45	45	45	45	40
Other heifers	610	640	670	725	725	745	720	740
Steers 500 lbs & over	960	970	940	980	1,070	1,060	1,040	990
Bulls 500 lbs & over	50	50	50	50	50	50	50	50
Steers, heifers, & bulls under 500 lbs	250	280	240	260	270	260	280	260
Cattle on feed ^{1/}	1,000	1,010	990	1,070	1,130	1,140	1,160	1,200
Calf crop, annual	840	850	860	870	870	870	870	---
All sheep and lambs	660	647	545	535	575	575	440	440
Breeding sheep & lambs	345	320	250	245	250	240	220	210
Ewes one year old & older	280	270	210	210	210	200	185	175
Rams one year old & older	9	9	7	7	7	7	6	6
Replacement lambs	56	41	33	28	33	33	29	29
Market sheep & lambs	315	327	295	290	325	335	220	230
Sheep	3	3	5	2	3	2	1	1
Lambs	312	324	290	288	322	333	219	229
Under 65 Pounds	---	---	5	3	4	2	7	4
65-84 Pounds ^{2/}	38	23.5	35	40	43	2	5	6
85-105 Pounds	186	134.5	115	100	100	115	52	47
Over 105 Pounds	88	166.0	135	145	175	214	155	172
Lamb crop, annual	320	255	240	240	225	220	210	---
All hogs & pigs ^{3/}	410	450	500	580	630	790	870	910
Breeding	55	75	110	120	135	160	180	210
Market	355	375	390	460	495	630	690	700
Under 60 lbs	122	145	170	205	220	300	335	350
60-119 lbs	83	85	80	85	95	115	120	115
120-179 lbs	78	75	70	85	90	105	120	110
180 lbs & over	72	70	70	85	90	110	115	125
Sows farrowed, annual	104	137	137	167	200	286	332	---
Pig crop, annual	877	1,148	1,124	1,434	1,700	2,452	2,800	---
All chickens ^{3/}	4,160	4,040	3,980	4,125	4,080	4,718	4,597	4,479
Total layers	3,460	3,283	2,954	3,114	3,343	3,670	3,737	3,800
One year old & older	1,790	1,678	1,395	1,479	1,813	1,910	2,250	1,052
Less than one year	1,670	1,605	1,559	1,635	1,530	1,760	1,487	2,748
Total pullets	635	690	914	845	600	872	730	510
Pullets 13 to 20 weeks of age	250	353	385	380	320	229	180	210
Pullets less than 13 weeks of age	385	337	529	465	280	643	550	300
Other chickens	65	67	112	166	137	176	130	169

^{1/} Included in other classes. ^{2/} Includes lambs weighing under 65 pounds for 1993 and 1994. ^{3/} December 1 preceding year.

Cattle and Calf Inventory

Colorado, January 1, 1985-2000

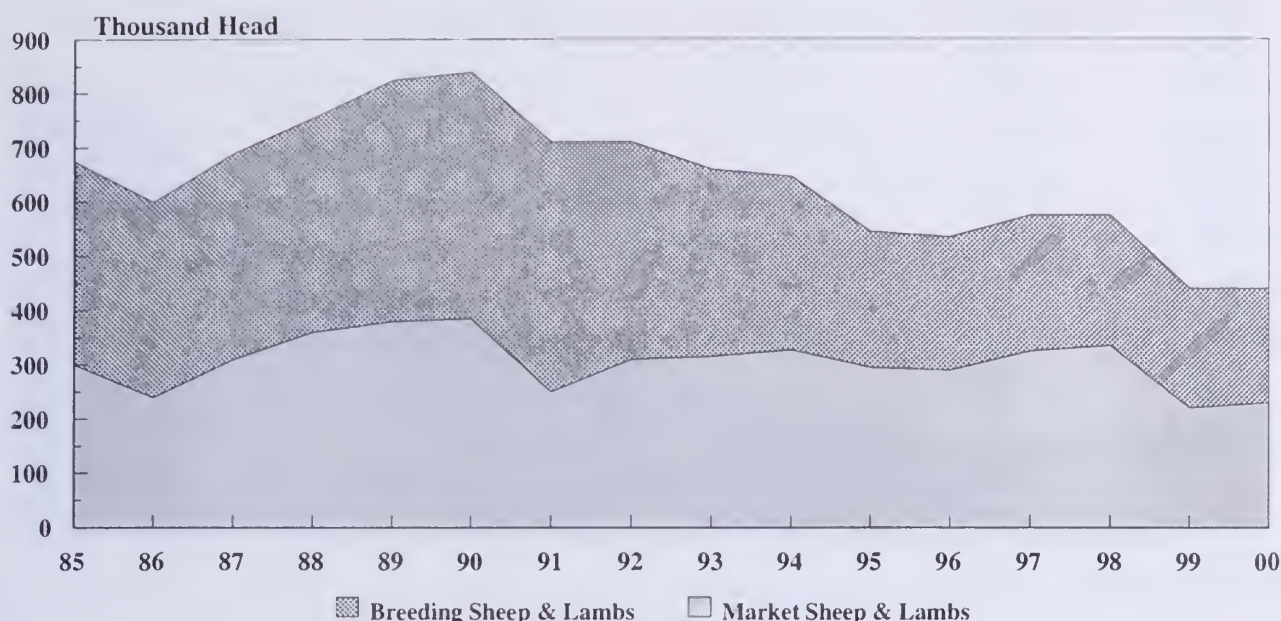


Cattle and Calves: Inventory by class, Colorado, January 1, 1981-00

Year	Total	Cows and heifers that have calved		Heifers 500 lbs. and over			Steers 500 lbs. and over	Bulls 500 lbs. and over	Steers heifers, and bulls under 500 lbs.
		Beef	Milk	Beef cow replace- ments	Milk cow replace- ments	Other			
	1,000 Head								
1981	3,125	1,009	71	169	31	516	644	60	625
1982	3,025	945	75	233	36	396	560	51	729
1983	3,040	925	75	150	30	610	655	60	535
1984	3,120	946	77	150	31	602	655	66	593
1985	3,000	825	75	140	30	680	670	60	520
1986	2,850	773	82	100	35	645	740	45	430
1987	2,600	752	78	109	26	530	665	45	395
1988	2,800	812	73	130	35	635	760	45	310
1989	2,800	785	75	140	30	605	810	45	310
1990	2,800	764	76	130	30	570	865	45	320
1991	2,750	773	77	140	30	590	812	48	280
1992	2,900	803	77	160	35	595	930	50	250
1993	2,950	800	80	160	40	610	960	50	250
1994	3,050	830	80	160	40	640	970	50	280
1995	3,000	817	83	155	45	670	940	50	240
1996	3,150	848	82	160	45	725	980	50	260
1997	3,250	846	84	160	45	725	1,070	50	270
1998	3,250	856	84	150	45	745	1,060	50	260
1999	3,200	837	83	145	45	720	1,040	50	280
2000	3,150	837	83	150	40	740	990	50	260

Sheep and Lamb Inventory

Colorado, January 1, 1985-2000



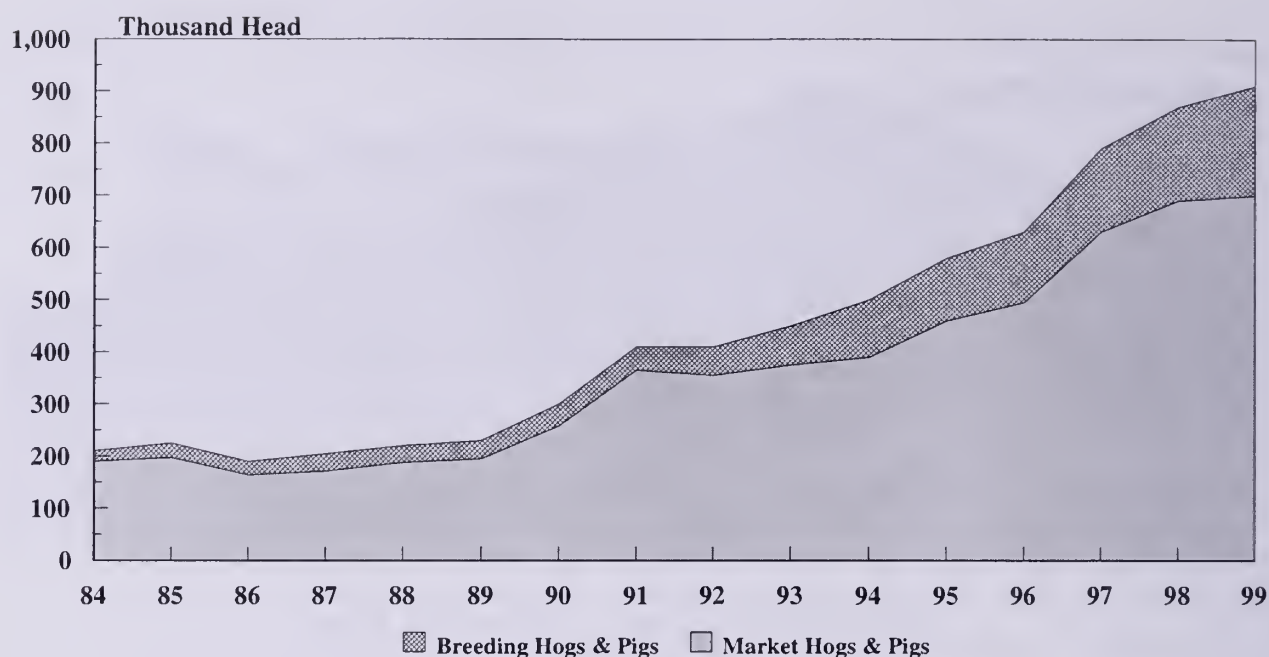
Sheep and Lambs: Inventory by class, Colorado, January 1, 1981-00 ^{1/}

Year	All sheep and lambs	Sheep and lambs on feed	Stock sheep				
			Total	Lambs		One year and older	
				Ewes	Wethers and rams	Ewes	Wethers and rams
	1,000 Head						
1981	810	300	510	86	11	400	13
1982	710	230	480	58	14	394	14
1983	750	300	450	58	15	365	12
1984	690	260	430	55	15	350	10
1985	675	300	375	45	10	310	10
1986	600	240	360	45	10	295	10
1987	690	310	380	55	15	300	10
1988	755	360	395	53	11	320	11
1989	825	380	445	64	13	355	13
1990	840	385	455	55	12	375	13
1991	710	250	460	71	13	363	13
1992	710	310	400	56	12	320	12
1993	660	315	345	45	11	280	9
1994	647	327	320	34	7	270	9
Year	All sheep and lambs	Market sheep and lambs	Breeding sheep and lambs				
			Total	Replacement lambs	Ewes 1 year old & older	Rams 1 year old & older	
	1,000 Head						
1993	660	315	345	56	280	9	
1994	647	327	320	41	270	9	
1995	545	295	250	33	210	7	
1996	535	290	245	28	210	7	
1997	575	325	250	33	210	7	
1998	575	335	240	33	200	7	
1999	440	220	220	29	185	6	
2000	440	230	210	29	175	6	

^{1/} Change in class terminology beginning in 1995 with 1993 and 1994 shown for comparability.

Hog and Pig Inventory

Colorado, December 1, 1984-99



Hogs and Pigs: Inventory by class, Colorado, December 1, 1973-99

Year	Total	Breeding	Market				
			Total Market	Under 60 pounds	60-119 pounds	120-179 pounds	180 lbs & over
	1,000 Head						
1973	340	44	296	110	77	62	47
1974	325	39	286	102	78	60	46
1975	290	36	254	89	66	53	46
1976	280	36	244	95	62	50	37
1977	320	45	275	115	65	52	43
1978	330	50	280	116	66	60	38
1979	430	60	370	130	94	91	55
1980	310	40	270	100	60	70	40
1981	330	45	285	95	75	80	35
1982	290	40	250	95	70	50	35
1983	260	30	230	75	55	60	40
1984	210	20	190	60	50	40	40
1985	225	28	197	75	45	47	30
1986	190	26	164	57	47	34	26
1987	205	34	171	64	37	38	32
1988	220	32	188	70	48	42	28
1989	230	35	195	70	50	40	35
1990	300	42	258	100	63	52	43
1991	410	45	365	125	85	80	75
1992	410	55	355	122	83	78	72
1993	450	75	375	145	85	75	70
1994	500	110	390	170	80	70	70
1995	580	120	460	205	85	85	85
1996	630	135	495	220	95	90	90
1997	790	160	630	300	115	105	110
1998	870	180	690	335	120	120	115
1999	910	210	700	350	115	110	125

Wool: Production and value, Colorado, 1982-99 1/

Year	All sheep shorn	Weight per fleece	Production	Price per pound	Total value
	1,000 Head	Pounds	1,000 Pounds	Dollars	1,000 Dollars
1982	1,070	7.5	8,054	.67	5,396
1983	1,060	7.3	7,764	.57	4,425
1984	930	7.2	6,690	.78	5,218
1985	815	6.7	5,487	.62	3,402
1986	810	6.6	5,331	.68	3,625
1987	818	6.8	5,572	.93	5,182
1988	960	6.6	6,330	1.40	8,862
1989	824	7.7	6,344	1.34	8,501
1990	770	7.4	5,698	.71	4,046
1991	769	7.4	5,724	.52	2,976
1992	758	7.9	5,954	.74	4,406
1993	725	7.2	5,199	.50	2,600
1994	635	7.3	4,607	.72	3,317
1995	540	7.3	3,960	1.09	4,316
1996	605	7.1	4,318	.73	3,152
1997	600	6.6	3,936	.89	3,503
1998	490	6.9	3,364	.53	1,783
1999	460	7.0	3,227	.40	1,291

1/ Includes wool shorn from stock sheep and from sheep and lambs on feed.

Feedlots: Number by size of feedlot, Colorado, 1989-99

Feedlot capacity	Number of Lots										
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Under 1,000 head	130	119	119	120	118	118	123	119	121	112	118
1,000-1,999	49	54	60	61	62	61	51	48	54	47	43
2,000-3,999	54	50	49	48	51	47	45	44	46	44	42
4,000-7,999	29	27	32	31	28	27	29	32	32	36	34
8,000-15,999	14	18	19	17	18	19	23	24	23	18	19
16,000-31,999	10	9	9	10	11	11	11	10	11	12	13
32,000 and over	9	8	7	8	7	7	8	8	8	11	11
Total all feedlots	295	285	295	295	295	290	290	285	295	280	280

Fed Cattle Marketings: Number marketed by size of feedlot, Colorado, 1989-99

Feedlot capacity	Marketed for Slaughter										
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	1,000 Head										
Under 1,000 head	35	40	40	35	40	44	30	45	40	40	30
1,000-1,999	75	70	70	75	80	71	60	55	60	55	40
2,000-3,999	205	180	130	130	140	130	125	85	100	90	90
4,000-7,999	250	250	240	240	280	250	200	175	210	215	210
8,000-15,999	210	290	360	240	260	270	320	360	345	310	330
16,000-31,999	425	325	290	400	400	475	510	440	480	430	470
32,000 and over	1,100	1,030	1,040	1,090	1,140	1,130	1,210	1,160	1,360	1,420	1,470
Total all feedlots	2,300	2,185	2,170	2,210	2,340	2,370	2,464	2,320	2,595	2,560	2,640

Cattle and Calves: Production, disposition and value, Colorado, 1989-99

Year	Calf crop	Inship-ments	Marketings <u>1/</u>		Farm slaughter	Deaths	Production	Marketings <u>2/</u>	Cash receipts	Value of home consumption
			Cattle	Calves						
	1,000 Head		1,000 Head		1,000 Head		1,000 Pounds		1,000 Dollars	
1989 ...	810	2,050	2,630	112	3	115	1,662,840	2,948,980	2,166,046	7,225
1990 ...	820	2,180	2,835	107	3	105	1,613,490	3,002,730	2,363,981	6,805
1991 ...	820	2,000	2,480	87	3	100	1,712,750	2,826,010	2,135,938	5,788
1992 ...	820	2,145	2,710	97	3	105	1,895,115	3,143,945	2,336,630	4,920
1993 ...	840	2,195	2,730	102	3	100	1,918,910	3,167,540	2,440,570	5,159
1994 ...	850	2,025	2,715	107	3	100	1,912,177	3,203,770	2,224,165	6,285
1995 ...	860	2,245	2,745	103	2	105	1,882,019	3,211,360	2,081,211	4,858
1996 ...	870	2,290	2,835	108	2	115	1,956,336	3,354,300	2,072,482	4,534
1997 ...	870	2,190	2,818	120	2	120	1,871,820	3,279,500	2,148,314	6,833
1998 ...	870	2,210	2,908	110	2	110	1,986,424	3,466,000	2,134,690	6,451
1999 ...	870	2,220	2,918	110	2	110	2,069,321	3,536,000	2,319,612	7,001

1/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the state.

2/ Liveweight. Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

Sheep and Lambs: Production, disposition and value, Colorado, 1989-99

Year	Lamb crop	Inship-ments	Marketings <u>1/</u>		Farm slaughter	Deaths	Production	Marketings <u>2/</u>	Cash receipts	Value of home consumption
			Sheep	Lambs						
	1,000 Head		1,000 Head		1,000 Head		1,000 Pounds		1,000 Dollars	
1989	400	1,045	70	1,298	2	60	93,637	165,362	101,302	268
1990	425	770	91	1,157	2	75	83,044	151,340	78,469	244
1991	385	940	143	1,110	2	70	84,353	152,980	76,283	242
1992	350	980	130	1,176	3	71	83,009	159,201	91,097	269
1993	320	995	76	1,190	2	62	81,801	153,320	94,380	220
1994	255	973	108	1,149	3	70	71,356	152,340	94,613	306
1995	240	957	68	1,072	2	65	68,453	137,700	104,808	265
1996	240	968	48	1,063	2	55	69,299	133,920	114,627	295
1997	225	980	61	1,088	1	55	95,737	165,545	144,401	204
1998	220	780	70	1,014	1	50	86,924	156,130	108,886	82
1999	210	845	56	950	1	48	85,059	145,422	104,642	83

1/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the state.

2/ Liveweight. Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

Hogs and Pigs: Production, disposition and value, Colorado, 1989-99

Year	Pig crop (pigs saved)			Inship-ments	Market-ings <u>1/</u>	Farm slaughter	Deaths	Production	Market-ings <u>2/</u>	Cash receipts	Value of home consumption
	Spring	Fall	Total								
	1,000 Head			1,000 Head		1,000 Head		1,000 Pounds		1,000 Dollars	
1989 ...	197	197	394	25	387	1	21	88,763	89,118	39,531	425
1990 ...	220	261	481	30	420	1	20	98,168	94,608	52,848	402
1991 ...	343	342	685	20	559	1	35	142,665	129,980	67,741	750
1992 ...	367	364	731	29	724	1	35	168,135	168,435	73,999	516
1993 ...	438	439	877	23	821	1	38	182,974	183,057	86,054	290
1994 ...	547	601	1,148	30	1,087	1	40	233,096	226,190	94,129	619
1995 ...	<u>3/</u>	<u>3/</u>	1,123	40	1,012	1	70	237,273	232,520	106,100	715
1996 ...	<u>3/</u>	<u>3/</u>	1,434	50	1,378	1	55	305,920	308,240	177,753	788
1997 ...	<u>3/</u>	<u>3/</u>	1,700	80	1,544	1	75	347,895	345,910	201,696	1,108
1998 ...	<u>3/</u>	<u>3/</u>	2,452	70	2,351	1	90	470,637	473,760	186,661	731
1999 ...	<u>3/</u>	<u>3/</u>	2,800	70	2,724	1	105	541,034	547,230	188,114	162

1/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the state.

2/ Liveweight. Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

3/ Discontinued.

Livestock slaughter by species, Colorado, 1992-99 1/

Year	Cattle			Calves		
	Number slaughtered	Total liveweight	Average liveweight	Number slaughtered	Total liveweight	Average liveweight
	Head	1,000 Pounds	Pounds	Head	1,000 Pounds	Pounds
1992	2,451,500	2,938,124	1,199	2/	2/	2/
1993	2,441,000	2,915,435	1,194	2/	2/	2/
1994	2,419,600	2,963,829	1,225	2/	2/	2/
1995	2,569,200	3,099,454	1,206	2/	2/	2/
1996	2,571,100	3,106,488	1,208	2/	2/	2/
1997	2,594,700	3,089,754	1,191	2/	2/	2/
1998	2,417,200	2,940,725	1,217	2/	2/	2/
1999	2,652,600	3,235,214	1,220	2/	2/	2/
	Sheep and Lambs			Hogs		
1992	1,623,700	224,639	138	48,500	11,405	235
1993	1,564,100	219,249	140	51,600	12,594	244
1994	1,566,500	210,351	134	54,000	12,954	240
1995	1,548,300	206,624	133	53,000	13,151	248
1996	1,546,900	208,947	135	48,400	10,895	225
1997	1,438,300	206,252	143	42,900	9,091	212
1998	1,288,900	185,907	144	41,200	8,929	217
1999	1,283,600	185,099	144	22,800	5,901	258

1/ Excludes farm slaughter.

2/ Less than 50 head.

Livestock slaughter by species, by month, Colorado, 1992-99 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
	1,000 Head											
	Cattle											
1992 ...	215.0	195.1	204.0	195.1	202.2	225.3	221.5	205.8	213.1	207.0	177.9	189.5
1993 ...	202.8	190.1	213.7	195.3	188.1	235.3	220.5	212.5	210.8	198.6	176.8	196.5
1994 ...	213.3	186.1	201.8	189.4	191.4	216.5	199.0	209.2	205.8	193.7	198.0	215.5
1995 ...	208.9	179.0	210.1	177.3	221.0	240.5	224.4	239.0	228.1	223.1	212.0	205.9
1996 ...	224.4	206.0	201.7	219.6	230.8	229.2	220.6	225.0	190.3	209.9	199.2	214.4
1997 ...	251.0	205.6	191.4	217.0	241.5	223.0	241.6	214.4	215.6	220.3	179.0	194.3
1998 ...	214.9	185.0	188.6	191.3	192.6	216.8	210.3	212.2	209.0	203.6	189.9	202.9
1999 ...	230.8	207.8	217.3	210.8	234.7	252.5	230.4	235.0	218.2	202.8	207.4	204.9
	Sheep and Lambs											
1992 ...	137.7	134.0	148.7	156.0	116.8	128.3	124.1	106.1	141.8	139.7	133.3	157.3
1993 ...	132.1	123.1	142.9	141.2	125.3	148.3	115.4	116.9	124.8	120.9	130.7	142.5
1994 ...	124.1	144.8	174.7	132.3	154.4	128.1	79.2	100.2	121.1	126.5	138.5	142.6
1995 ...	126.0	122.5	156.1	149.1	130.1	124.1	109.3	124.7	130.1	120.7	125.5	130.1
1996 ...	136.8	138.1	157.1	140.5	119.2	103.3	120.4	112.8	114.8	138.9	129.3	135.7
1997 ...	115.7	131.8	161.4	126.5	127.3	112.7	114.3	96.4	118.4	114.7	103.0	116.2
1998 ...	103.4	104.5	133.7	124.9	100.8	100.8	89.0	79.3	101.6	109.4	108.1	133.6
1999 ...	107.9	107.8	151.8	106.9	81.6	71.1	88.5	96.7	103.5	108.9	126.8	131.9
	Hogs											
1992 ...	3.9	3.3	3.5	3.7	3.3	3.5	3.7	5.6	5.0	4.6	4.0	4.4
1993 ...	3.8	3.5	4.2	3.9	3.7	4.0	4.4	6.0	5.1	4.4	4.3	4.4
1994 ...	4.2	3.6	4.1	3.6	4.0	4.2	4.0	6.6	5.1	4.9	4.9	4.8
1995 ...	4.8	3.9	4.0	3.7	4.1	4.2	4.1	6.4	4.9	4.7	4.3	4.1
1996 ...	4.3	3.7	3.5	3.7	3.7	3.6	4.3	5.9	4.3	4.2	3.3	3.9
1997 ...	3.4	3.1	3.0	3.2	3.1	3.3	3.6	5.2	4.4	3.8	3.1	3.7
1998 ...	3.3	3.4	3.5	3.5	3.2	3.7	3.8	5.8	4.4	2.6	2.1	1.9
1999 ...	2.2	2.1	2.2	1.7	1.5	1.5	1.5	3.3	2.2	1.7	1.6	1.4

1/ Excludes farm slaughter.

**Cattle and Calves: Number on feed, placements, marketings and other disappearance,
by month, Colorado, 1990-2000 1/ 2/**

Month	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
1,000 Head											
January											
Number on feed, January 1	900	980	905	970	981	966	1,050	1,110	1,120	1,140	1,180
Placed on feed during January	210	160	158	184	169	218	180	260	230	260	290
Marketed during January	220	215	194	219	220	226	225	310	230	250	260
Other disappearance during January	10	10	10	10	5	10	5	10	20	10	10
February											
Number on feed, February 1	880	915	859	925	925	948	1,000	1,050	1,100	1,140	1,200
Placed on feed during February	170	180	207	154	164	239	215	260	205	235	250
Marketed during February	210	190	204	199	186	221	220	245	265	240	265
Other disappearance during February	10	10	10	5	5	5	5	5	10	5	5
March											
Number on feed, March 1	830	895	852	875	898	961	990	1,060	1,030	1,130	1,180
Placed on feed during March	250	230	229	224	234	248	240	210	190	240	250
Marketed during March	175	180	186	199	200	213	195	165	210	240	250
Other disappearance during March	5	15	10	5	10	10	5	15	10	10	10
April											
Number on feed, April 1	900	930	885	895	922	986	1,030	1,090	1,000	1,120	1,170
Placed on feed during April	155	175	164	139	164	178	130	165	160	200	185
Marketed during April	160	180	171	164	165	161	155	190	170	190	170
Other disappearance during April	10	10	15	10	5	5	5	15	20	10	5
May											
Number on feed, May 1	885	915	863	860	916	998	1,000	1,050	970	1,120	1,180
Placed on feed during May	150	190	179	194	139	194	85	185	195	180	...
Marketed during May	170	170	157	169	154	180	185	210	175	200	...
Other disappearance during May	10	10	5	10	10	10	10	15	10	10	...
June											
Number on feed, June 1	855	925	880	875	891	1,002	890	1,010	980	1,090	...
Placed on feed during June	110	115	109	154	139	149	80	125	140	160	...
Marketed during June	185	170	169	203	169	230	215	210	230	225	...
Other disappearance during June	10	10	5	10	5	5	5	5	10	5	...
July											
Number on feed, July 1	770	860	815	816	856	916	750	920	880	1,020	...
Placed on feed during July	120	125	114	179	209	169	145	235	225	175	...
Marketed during July	210	180	199	213	212	223	230	250	260	230	...
Other disappearance during July	5	5	5	5	5	5	5	5	5	5	...
August											
Number on feed, August 1	675	800	725	777	848	857	660	900	840	960	...
Placed on feed during August	200	135	154	208	254	213	275	235	220	255	...
Marketed during August	195	195	189	208	229	239	220	210	215	250	...
Other disappearance during August	5	10	5	10	5	5	5	5	5	5	...
September											
Number on feed, September 1	675	730	685	767	868	826	710	920	840	960	...
Placed on feed during September	305	240	352	319	311	312	405	320	370	330	...
Marketed during September	185	190	199	199	219	199	150	185	205	210	...
Other disappearance during September ..	5	10	5	5	5	5	5	5	5	10	...
October											
Number on feed, October 1	790	770	833	882	955	934	960	1,050	1,000	1,070	...
Placed on feed during October	350	330	301	273	272	273	275	300	345	360	...
Marketed during October	180	185	184	189	203	184	150	200	170	205	...
Other disappearance during October	10	10	5	5	5	5	5	10	5	5	...
November											
Number on feed, November 1	950	905	945	961	1,019	1,018	1,080	1,140	1,170	1,220	...
Placed on feed during November	225	195	184	219	178	212	195	210	210	190	...
Marketed during November	150	165	159	179	188	194	160	185	180	180	...
Other disappearance during November ..	15	10	5	10	5	5	5	5	10	10	...
December											
Number on feed, December 1	1,010	925	965	991	1,004	1,031	1,110	1,160	1,190	1,220	...
Placed on feed during December	125	160	174	159	153	179	175	165	170	160	...
Marketed during December	145	150	164	159	181	155	170	195	210	190	...
Other disappearance during December ...	10	5	5	10	10	5	5	10	10	10	...

1/ "Other disappearance" includes death losses, movement from feedlots to pastures, and shipments to other feedlots for further feeding.

2/ Beginning January 1992, data is only for feedlots with a capacity of 1,000 head or more.

Cattle: Number Placed On Feed By Weight Group, By Month, 1,000+ Feedlots, Colorado, 1997-00 1/

Year and Weight Group	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1997	1,000 Head											
< 600 Pounds	33	23	24	16	13	22	14	24	15	63	54	32
600-699 Pounds	65	52	32	33	28	27	49	27	27	58	63	60
700-799 Pounds	98	118	95	57	74	38	81	75	124	89	56	51
800 Pounds Plus	64	67	59	59	70	38	91	109	154	90	37	22
Total	260	260	210	165	185	125	235	235	320	300	210	165
1998	1,000 Head											
< 600 Pounds	21	19	16	30	12	16	17	20	20	58	83	45
600-699 Pounds	76	54	30	40	31	35	56	39	40	62	57	59
700-799 Pounds	96	76	80	47	77	50	96	78	135	83	41	45
800 Pounds Plus	37	56	64	43	75	39	56	83	175	142	29	21
Total	230	205	190	160	195	140	225	220	370	345	210	170
1999	1,000 Head											
< 600 Pounds	34	37	50	27	17	11	28	47	40	92	51	34
600-699 Pounds	93	52	55	45	31	31	27	46	55	64	46	47
700-799 Pounds	83	85	82	87	76	74	49	72	106	98	58	42
800 Pounds Plus	50	61	53	41	56	44	71	90	129	106	35	37
Total	260	235	240	200	180	160	175	255	330	360	190	160
2000	1,000 Head											
< 600 Pounds	45	36	26	30	---	---	---	---	---	---	---	---
600-699 Pounds	65	58	57	27	---	---	---	---	---	---	---	---
700-799 Pounds	117	88	91	75	---	---	---	---	---	---	---	---
800 Pounds Plus	63	68	76	53	---	---	---	---	---	---	---	---
Total	290	250	250	185	---	---	---	---	---	---	---	---

1/ Data series began 1996.

Cattle and Calves: Number on feed by class, by quarter, 1,000 + capacity feedlots, Colorado, 1996-00

Year//Month	Number on feed	Classes of cattle on feed			Placements during past 3 months	Marketings during past 3 months	Other dis- appearance during past 3 months
		Steers and steer calves	Heifers and heifer calves	Cows and others			
	Thousand Head						
1996 January 1	1,050	580	460	10	664	533	15
April 1	1,030	620	400	10	635	640	15
July 1	750	450	295	5	295	555	20
October 1	960	570	380	10	825	600	15
1997 January 1	1,110	605	490	15	645	480	15
April 1	1,090	645	435	10	730	720	30
July 1	920	495	415	10	475	610	35
October 1	1,050	585	460	5	790	645	15
1998 January 1	1,120	635	480	5	675	580	25
April 1	1,000	580	415	5	625	705	40
July 1	880	475	400	5	495	575	40
October 1	1,000	600	395	5	815	680	15
1999 January 1	1,140	675	460	5	725	560	25
April 1	1,120	695	420	5	735	730	25
July 1	1,020	540	475	5	540	615	25
October 1	1,070	625	440	5	760	690	20
2000 January 1	1,180	650	520	10	710	575	25
April 1	1,170	680	485	5	790	775	25

Milk cows and milk production by quarter, Colorado, 1990-99 1/

Year	January-March	April-June	July-September	October-December	Annual
Number of milk cows					
	Number	Number	Number	Number	Number
1990	77,000	77,000	77,000	77,000	77,000
1991	77,000	78,000	77,000	77,000	77,000
1992	79,000	80,000	79,000	80,000	80,000
1993	80,000	80,000	81,000	80,000	80,000
1994	80,000	81,000	82,000	82,000	81,000
1995	83,000	83,000	82,000	82,000	83,000
1996	83,000	84,000	83,000	84,000	84,000
1997	85,000	85,000	84,000	83,000	84,000
1998	83,000	83,000	83,000	83,000	83,000
1999	83,000	82,000	83,000	83,000	83,000
Milk production per cow 1/					
	Pounds	Pounds	Pounds	Pounds	Pounds
1990	4,180	4,360	4,350	4,290	17,182
1991	4,220	4,420	4,320	4,310	17,338
1992	4,330	4,500	4,520	4,460	17,700
1993	4,430	4,640	4,610	4,450	18,175
1994	4,560	4,900	4,900	4,740	19,173
1995	4,650	4,710	4,700	4,740	18,687
1996	4,770	4,920	4,950	4,920	19,440
1997	5,010	5,150	5,000	4,760	19,988
1998	4,900	5,200	5,170	5,070	20,349
1999	5,220	5,120	5,230	5,310	20,819
Milk production 2/					
	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds
1990	322	336	335	330	1,323
1991	325	345	333	332	1,335
1992	342	360	357	357	1,416
1993	354	371	373	356	1,454
1994	365	397	402	389	1,553
1995	386	391	385	389	1,551
1996	396	413	411	413	1,633
1997	426	438	420	395	1,679
1998	407	432	429	421	1,689
1999	433	420	434	441	1,728

1/ Quarterly estimates are as follows: Jan.-March; April-June; July-Sept.; Oct.-Dec. Milk cows are the average for the quarter; milk production is total for the quarter; production per cow for the quarter is derived by dividing total production by average number of cows for the quarter.

2/ Excludes milk sucked by calves.

Milk cows, milk, and milkfat production, Colorado, 1990-99

Year	Number of milk cows on farms 1/	Production per milk cow 2/		Percentage of milkfat in milk	Total production on farms	
		Milk	Milkfat		Milk	Milkfat
	Thousands	Pounds	Pounds	Percent	Million Pounds	
1990	77	17,182	627	3.65	1,323	48.3
1991	77	17,338	635	3.66	1,335	48.9
1992	80	17,700	646	3.65	1,416	51.7
1993	80	18,175	660	3.63	1,454	52.8
1994	81	19,173	688	3.59	1,553	55.7
1995	83	18,687	676	3.62	1,551	56.1
1996	84	19,440	710	3.65	1,633	59.6
1997	84	19,988	720	3.60	1,679	60.5
1998	83	20,349	737	3.62	1,689	61.1
1999	83	20,819	747	3.59	1,728	62.0

1/ Average number on farms during year, excluding heifers not yet fresh.

2/ Excludes milk sucked by calves.

Milk disposition and cash receipts, Colorado, 1988-1999

Year	Milk used on farms where produced			Milk and cream sold to plants and dealers					
	Fed to calves	Used in the farm household for milk, cream and butter	Total	Quantity	Price per 100 lbs.	Cash receipts			
	Million Pounds				Dollars	1,000 Dollars			
1988	34	8	42	1,155	13.20	152,460			
1989	39	19	58	1,189	14.70	174,783			
1990	44	8	52	1,240	14.50	179,800			
1991	50	15	65	1,238	12.70	157,226			
1992	41	16	57	1,321	13.40	177,014			
1993	46	15	61	1,353	13.00	175,890			
1994	38	12	50	1,460	13.60	198,560			
1995	30	10	40	1,468	13.00	190,840			
1996	21	8	29	1,560	14.60	227,760			
1997	38	8	46	1,590	13.00	206,700			
1998	27	7	34	1,655	15.70	259,835			
1999	32	8	40	1,688	15.20	256,576			
Year	Milk sold directly to consumers <u>1/</u>			Combined marketings of milk and cream					
	Quantity	Price per quart	Cash receipts	Milk utilized	Average returns <u>2/</u>		Cash receipts	Value of consumed on farms where produced <u>3/</u>	Gross income from dairy products <u>4/</u>
					Per 100 lbs. milk	Per lb. milkfat			
	Million Quarts	Cents	1,000 Dollars	Million Pounds	Dollars	Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1988	14.0	59.0	8,233	1,185	13.56	3.67	160,693	1,085	161,777
1989	14.0	62.0	8,651	1,219	15.05	4.08	183,434	2,859	186,293
1990	14.4	60.0	8,651	1,271	14.83	4.06	188,451	1,186	189,637
1991	14.9	60.0	8,930	1,270	13.08	3.57	166,156	1,962	168,119
1992	17.7	70.0	12,372	1,359	13.94	3.82	189,386	2,230	191,616
1993	18.6	72.0	13,396	1,393	13.59	3.74	189,286	2,038	191,324
1994	20.0	78.0	15,600	1,503	14.25	3.97	214,160	1,710	215,870
1995	20.0	77.0	15,400	1,511	13.65	3.77	206,240	1,365	207,605
1996	20.4	88.0	18,009	1,604	15.32	4.20	245,769	1,226	246,995
1997	20.0	82.0	16,400	1,633	13.66	3.79	223,100	1,093	224,193
1998	20.9	90.0	18,837	1,655	15.70	4.34	259,835	1,099	260,934
1999	5/	5/	5/	1,688	15.20	4.23	256,576	1,216	257,792

1/ Sales directly to consumers by producers. Also includes milk produced by institutional herds.

2/ Cash receipts divided by milk or milkfat represented in combined marketings.

3/ Valued at average returns per 100 pounds of milk listed under combined marketings of milk and cream.

4/ From marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

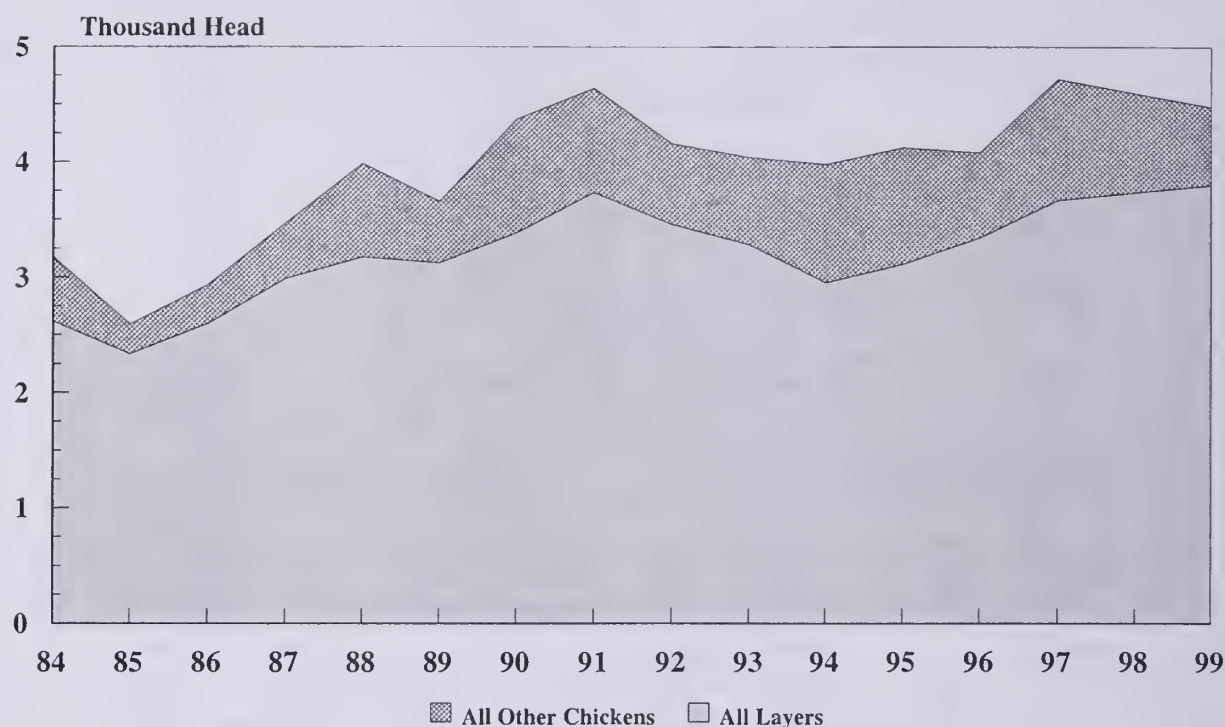
5/ Estimates discontinued; included in sales to plants and dealers.

Dairy Products: Quantities manufactured, Colorado, 1988-97

Year	Cottage cheese			Frozen products						
	Lowfat	Curd	Creamed	Ice cream		Ice milk		Milk sherbet		Water ices
				Mix	Product	Mix	Product	Mix	Product	
	1,000 Pounds			1,000 Gallons						
1988	9,837	13,151	12,272	5,497	10,287	5,011	8,125	273	401	268
1989	11,743	13,085	11,232	5,611	10,643	4,220	6,603	318	430	316
1990	9,204	12,705	12,978	5,384	10,781	4,225	6,892	278	389	481
1991	8,972	12,352	12,166	5,717	11,252	3,940	6,553	267	403	526
1992	8,471	10,935	9,974	5,286	10,414	4,223	7,162	245	628	351
1993	6,442	8,553	8,883	5,393	10,398	4,078	6,865	269	374	495
1994	7,920	9,231	8,982	5,487	10,663	4,197	8,877	343	515	579
1995	7,597	8,930	7,375	5,249	9,977	4,118	8,513	296	450	700
1996	7,539	8,932	1/	5,361	10,262	3,350	6,401	279	425	1/
1997	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/

1/ Not published to avoid disclosure of individual operations.

All Chickens Inventory Colorado, December 1, 1984-99



Chickens: Inventory by class and total value, Colorado, December 1, 1984-99 ^{1/}

Year	Hens and pullets of laying age			Pullets not of laying age			Other chickens	All chickens		
	Hens	Pullets	Total	3 mo. old or older	Under 3 mo.	Total		Number	Value per head	Total value
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	Dollars	1,000 Dollars
1984	1,020	1,600	2,620	240	300	540	15	3,175	1.85	5,874
1985	1,150	1,185	2,335	75	172	247	13	2,595	1.75	4,541
1986	1,470	1,130	2,600	124	200	324	11	2,935	1.35	3,962
1987	1,440	1,550	2,990	234	240	474	6	3,470	1.45	5,032
1988	1,570	1,605	3,175	310	498	808	3	3,986	1.60	6,378
1989	1,100	2,026	3,126	193	297	490	43	3,659	2.25	8,233
1990	2,002	1,385	3,387	297	618	915	70	4,372	1.80	7,870
1991	2,360	1,376	3,736	384	480	864	40	4,640	1.90	8,816
1992	1,790	1,670	3,460	250	385	635	65	4,160	1.80	7,488
1993	1,678	1,605	3,283	353	337	690	67	4,040	2.00	8,080
Year	All layers			Pullets			Other chickens	All chickens		
	One year & older	Less than one year	Total	13-20 weeks of age	< 13 weeks of age	Total		Number	Value per head	Total value
1994	1,395	1,559	2,954	385	529	914	112	3,980	2.10	8,358
1995	1,479	1,635	3,114	380	465	845	166	4,125	1.90	7,838
1996	1,813	1,530	3,343	320	280	600	137	4,080	2.10	8,568
1997	1,910	1,760	3,670	229	643	872	176	4,718	2.20	10,380
1998	2,250	1,487	3,737	180	550	730	130	4,597	2.40	11,033
1999	1,052	2,748	3,800	210	300	510	169	4,479	2.70	12,093

^{1/} Change in class terminology beginning 1994.

Chickens: Number lost, number sold and value of sales, Colorado, 1991-99

Year	Number lost	Number sold	Pounds sold	Price per lb.	Value
	1,000 Head	1,000 Head	1,000 Pounds	Cents	1,000 Dollars
1991	420	2,270	9,988	11.0	1,099
1992	440	2,240	8,960	10.0	896
1993	440	2,180	8,720	10.0	872
1994	510	2,200	9,020	7.0	631
1995	686	1,734	6,936	4.0	277
1996	708	1,547	6,188	3.0	186
1997	600	2,300	8,050	3.0	242
1998	550	2,170	9,331	3.0	280
1999	467	2,431	10,940	4.0	438

Layers and egg production, Colorado, 1991-99 1/

Year	Dec. 2/	Jan.	Feb. 3/	March	April	May 4/	June	July	Aug. 5/	Sept.	Oct.	Nov. 6/
Average number of layers												
Thousand												
1991 ...	---	---	3,328	---	---	3,449	---	---	3,531	---	---	3,585
1992 ...	---	---	3,738	---	---	3,518	---	---	3,322	---	---	3,403
1993 ...	---	---	3,487	---	---	3,490	---	---	3,434	---	---	3,342
1994 ...	3,287	3,246	3,290	3,311	3,250	3,190	3,150	3,189	3,213	3,206	3,133	3,015
1995 ...	3,089	3,206	3,173	3,224	3,217	3,083	3,114	3,200	3,099	3,099	3,164	3,123
1996 ...	3,185	3,276	3,232	3,174	3,228	3,272	3,178	3,163	3,220	3,248	3,275	3,299
1997 ...	3,367	3,292	3,222	3,232	3,139	3,096	3,156	3,268	3,402	3,435	3,560	3,688
1998 ...	3,612	3,597	3,678	3,769	3,749	3,663	3,667	3,654	3,610	3,601	3,618	3,682
1999 ...	3,556	3,478	3,536	3,485	3,458	3,413	3,412	3,448	3,568	3,643	3,678	3,773
Number of eggs produced												
Million												
1991 ...	---	---	205	---	---	218	---	---	226	---	---	224
1992 ...	---	---	231	---	---	208	---	---	192	---	---	206
1993 ...	---	---	207	---	---	206	---	---	211	---	---	213
1994 ...	71	65	59	67	65	66	64	66	68	64	64	59
1995 ...	62	69	63	70	68	68	65	71	71	66	67	78
1996 ...	69	71	67	71	67	69	66	69	70	68	71	69
1997 ...	72	71	63	70	66	65	67	73	75	73	80	82
1998 ...	83	81	72	81	80	79	72	80	80	76	82	79
1999 ...	78	74	66	74	74	76	73	75	78	81	87	85

1/ Quarterly estimates only until 1994. 2/ Dec. preceding year. 3/ Dec.-Feb. total until 1994. 4/ March-May total until 1994.

5/ June-Aug. total until 1994. 6/ Sept.-Nov. total until 1994.

Eggs: Production and income, Colorado, 1991-99

Year	Average number of layers	Eggs per layer	Total produced	Price per dozen	Gross income
	Thousands	Number	Millions	Cents	1,000 Dollars
1991	3,473	251	873	73.0	53,108
1992	3,494	239	837	61.4	42,827
1993	3,438	243	837	68.8	47,988
1994	3,207	243	778	66.0	42,790
1995	3,149	256	805	70.6	47,361
1996	3,229	256	827	75.6	52,101
1997	3,322	258	857	72.0	51,420
1998	3,658	258	945	67.1	52,841
1999	3,537	260	921	63.6	48,813

Bees and honey, Colorado, 1989-99

Year	Number of Colonies	Yield per Colony	Production	Producer Stocks	Avg. Price Per Pound	Value of Production
	1,000	Pounds	1,000 Pounds		Dollars	1,000 Dollars
1989	50	66	3,300	495	.540	1,782
1990	55	64	3,520	845	.660	2,323
1991	50	79	3,950	514	.630	2,489
1992	52	74	3,848	847	.590	2,270
1993	53	73	3,869	1,161	.580	2,244
1994	45	76	3,420	1,813	.560	1,915
1995	45	60	2,700	1,404	.730	1,971
1996	30	74	2,220	1,132	.850	1,887
1997	35	55	1,925	982	.820	1,579
1998	27	72	1,944	1,594	.700	1,361
1999	27	76	2,052	1,436	.680	1,395

Trout: Operations, sales and value, Colorado, 1995-99

Item	Unit	1995	1996	1997	1998	1999	
		Trout Sales				Trout Sales	Distributed Trout
Number of Operations	Number	33	36	32	45	27	18
Value of Sales/Distributed Trout ...	1,000 Dollars	2,269	2,420	2,716	3,379	2,642	4,628
Foodsize: <u>1/</u>							
Number Sold	Thousands	850	520	519	710	700	13
Pounds Sold	Thousands	778	543	538	960	774	17
Value Per Pound	Dollars	2.12	2.42	3.25	2.47	2.61	1.83
Total Value of Sales	1,000 Dollars	1,651	1,315	1,748	2,371	2,020	31
Stockers: <u>2/</u>							
Number Sold	Thousands	723	806	791	1,190	390	3,620
Pounds Sold	Thousands	257	433	396	419	180	1,240
Value Per Pound	Dollars	2.18	2.36	2.23	2.35	3.10	2.60
Total Value of Sales	1,000 Dollars	560	1,021	884	985	558	3,224
Fingerlings: <u>3/</u>							
Number Sold	Thousands	334	360	220	176	260	9,950
Pounds Sold	Thousands	11	13	6	8	8	265
Value Per Pound <u>4/</u>	Dollars	5.27	6.46	14.00	132.00	245.00	138.00
Total Value of Sales	1,000 Dollars	58	84	84	23	64	1,373

1/ Defined as fish being 12 inches or longer.

2/ Defined as fish being from 6-12 inches in length.

3/ Defined as fish being from 2-6 inches in length.

4/ Changed from \$ per pound to \$ per 1,000 fish in 1998.

Livestock: Number on farms and inventory value, Colorado, January 1, 1990-2000

Year	All Cattle and Calves			Hogs and Pigs <u>1/</u>			All Sheep and Lambs		
	Number	Farm value		Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total		Per head	Total
	1,000 Head	Dollars	1,000 Dollars	1,000 Head	Dollars	1,000 Dollars	1,000 Head	Dollars	1,000 Dollars
1990	2,800	620.00	1,736,000	230	86.50	19,895	840	84.00	70,560
1991	2,750	710.00	1,952,500	300	93.00	27,900	710	80.00	56,800
1992	2,900	640.00	1,856,000	410	75.00	30,750	710	66.00	46,860
1993	2,950	685.00	2,020,750	410	83.00	34,030	660	72.00	47,520
1994	3,050	680.00	2,074,000	450	85.00	38,250	647	77.00	49,819
1995	3,000	650.00	1,950,000	500	60.00	30,000	545	74.00	40,330
1996	3,150	520.00	1,638,000	580	79.00	45,820	535	88.00	47,080
1997	3,250	570.00	1,852,500	630	100.00	63,000	575	105.00	60,375
1998	3,250	640.00	2,080,000	790	88.00	69,520	575	105.00	60,375
1999	3,200	580.00	1,856,000	870	48.00	41,760	440	93.00	40,920
2000	3,150	710.00	2,236,500	910	78.00	70,980	440	89.00	39,160

1/ December 1 preceding year.

ANNUAL REPORT

COLORADO DEPARTMENT OF AGRICULTURE

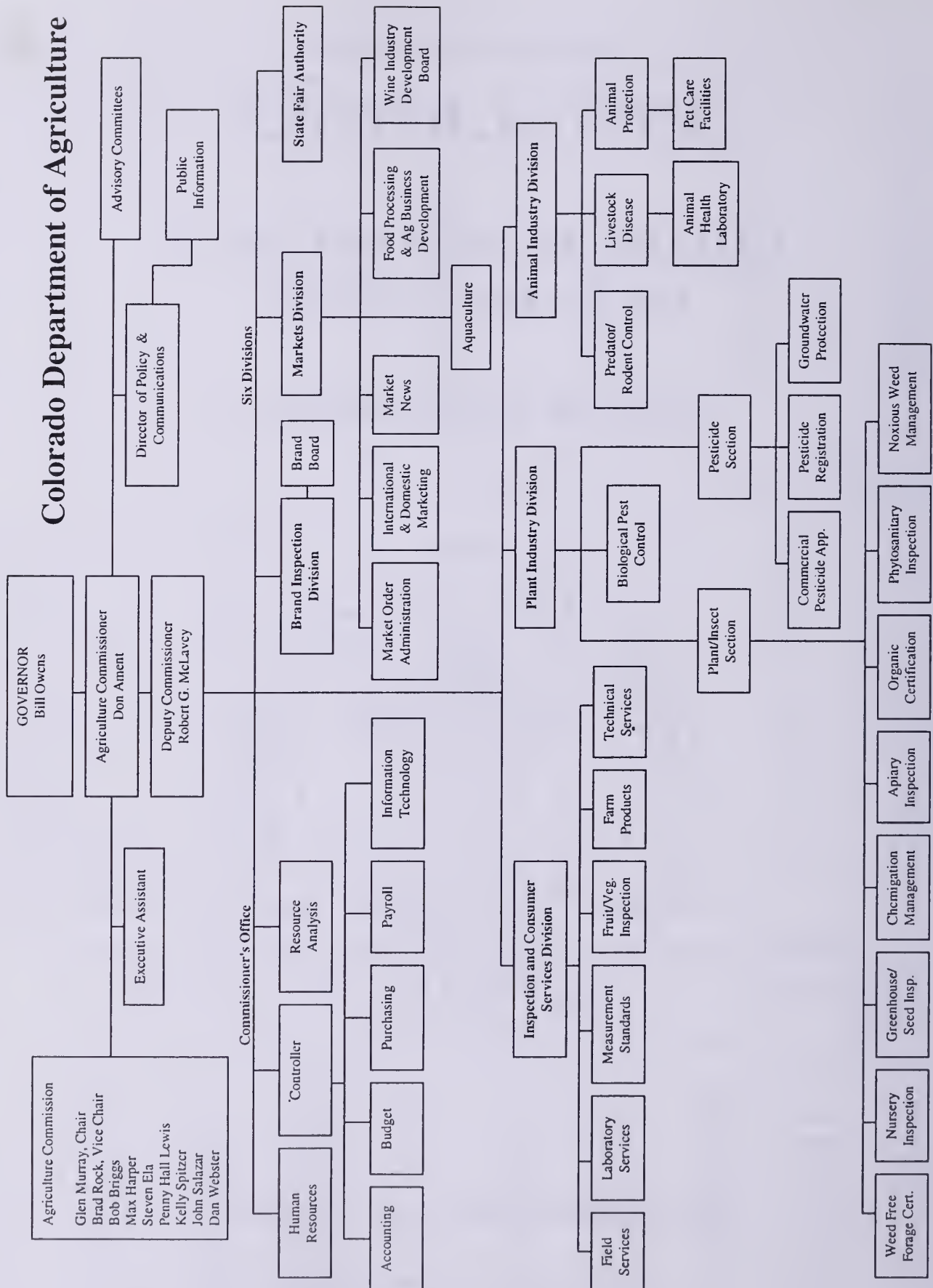
FISCAL YEAR 1999-2000



The Honorable Bill Owens, Governor

Don Ament, Commissioner

Colorado Department of Agriculture



**ANNUAL REPORT
OF THE
COLORADO DEPARTMENT OF AGRICULTURE
Fiscal Year 1999-2000**

*Bill Owens, Governor
Don Ament, Commissioner
Robert G. McLavey, Deputy Commissioner*

Colorado Agriculture

- There are 29,000 farms and ranches on 31.8 million acres, nearly half of the state. Colorado agriculture helps feed the nation and the world, provides wildlife habitat, protects the environment and fuels the state economy.
- Agriculture provides for over 86,000 jobs, 6.3% of the state's total, bringing in over \$12 billion to Colorado's economy.
- Agriculture cash receipts alone are over \$4.3 billion, with 66% accredited to livestock.
- Colorado farmers and ranchers help feed the world by exporting over \$923 million in 1998. Japan, Canada, Mexico and Korea receive the largest share of Colorado food products.
- Colorado's top ten farm and ranch products, in terms of production in millions are: cattle and calves; corn; wheat; dairy products; hay, greenhouse/nursery; hogs and pigs, poultry and eggs, potatoes, and sheep and lambs.
- Colorado agriculture is more than just food. Colorado farmers and ranchers also contribute to the creation of products related to manufacturing, health care, education, recreation, transportation, construction and personal care. That includes detergents, x-ray film, bandages, crayons, paper, piano keys, footballs, shoes, plastics, hydraulic brake fluid, ball bearings, tires, insulation, linoleum, soaps, cosmetics, shaving cream to perfume.

The Colorado Department of Agriculture

Mission

The Colorado Department of Agriculture is committed to strengthening agriculture's future; providing consumer protection; promoting environmental quality and animal health; and ensuring equity and integrity in business and government.

Organization

Two hundred and sixty employees provide over 300 different regulatory, inspection, marketing, consumer protection and other services across Colorado for .2% of the state's budget.

The Colorado Department of Agriculture is proud to serve you through the Commissioner's office and six divisions: Markets, Brand Inspection, Plant Industry, Inspection and Consumer Services, Animal Industry and the Colorado State Fair.

- > **The Markets Division** helps Colorado food and agricultural companies sell their products in local, regional, national and international markets.
- > **The Brand Inspection Division** registers and verifies more than 37,000 livestock brands; inspects all cattle, horses and alternate livestock upon change of ownership or transportation; and licenses livestock sale barns, packing plants and alternative livestock farms. The Division also conducts lost or stolen livestock investigations and assists in returning livestock to the rightful owners.

- > **The Plant Industry Division** provides organic certification; nursery stock inspection; produce, plant and seed export certificates; seed inspection and certification; weed free forage certification; noxious weed management; bee inspection and investigations; backflow prevention equipment permits and inspections; commercial pesticide applicator testing, licensing and investigations; pesticide product record inspections and label registration; groundwater protection regulation; and biological pest control.
- > **The Inspection and Consumer Services Division** provides retail egg inspection and licensing; verification of animal feed and fertilizer labels through sampling and analyzing ingredients; custom meat processing facility inspection; weighing and measuring device certification; agricultural commodity dealer, handler and warehouse bonding and licensing; and, fruit and vegetable grading and inspection.
- > **The Animal Industry Division** provides livestock disease prevention, control and lab services; animal cruelty investigations, rodent and predator control services; and pet shop and kennel inspection and licensing.
- > **The Colorado State Fair**, since its inception in 1872, has evolved into a lively representation of Colorado's incredible diversity in agriculture, demographics, natural resources, arts and industries. The Fair annually highlights the state's best-of-the-best in crops, livestock, canning, baking, crafts, fine arts and science. Additionally, the Colorado State Fair strives to feature world-class musical entertainment with its Concert Series as well as fast-paced spectator events and a variety of family-friendly exhibits at family-friendly prices.

There are five independent authorities under the department's umbrella: the Colorado State Fair Authority, the Colorado Horse Development Authority, the Colorado Wine Industry Development Board, the Colorado Agricultural Development Authority and the Colorado Aquaculture Board.

The Colorado State Fair Authority

The Colorado State Fair Authority directs and supervises the Colorado State Fair. Eleven members govern the authority, ten of which are appointed by the Governor with consent of the Senate. The Commissioner of Agriculture, or his or her designee, is the eleventh member.

The Colorado Horse Development Authority

The Colorado Horse Development Authority, representing all types of horse interests and breeds, works to promote the horse industry and educate people on the health care and welfare of horses in the state. The horse authority is governed by 14 members, all appointed by the Commissioner of Agriculture.

The Colorado Wine Industry Development Board

The Colorado Wine Industry Development Board researches grape and wine production, and promotes Colorado wines in Colorado and across the United States. The wine board is governed by ten board members, all appointed by the Governor.

The Colorado Agricultural Development Authority

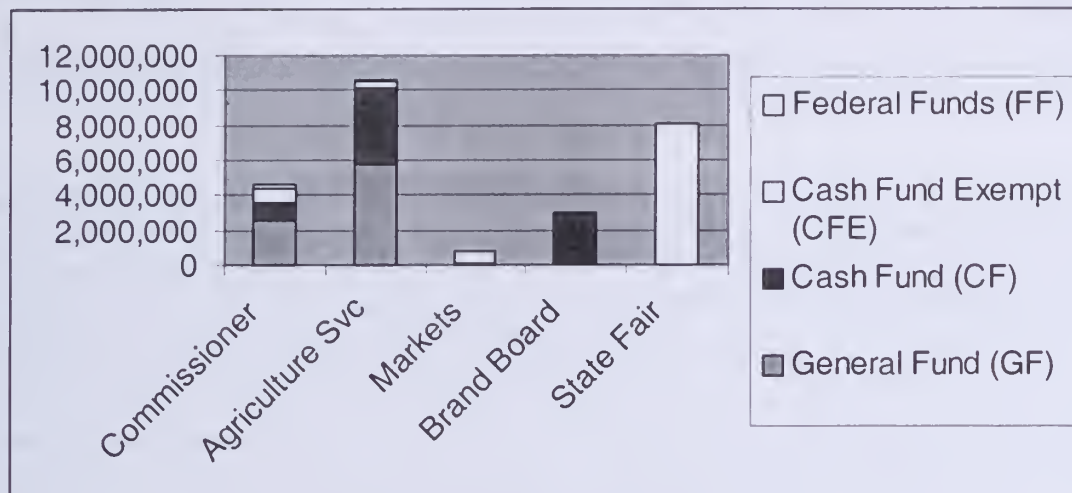
The Colorado Agricultural Development Authority's (CADA) mission is to encourage the investment of private capital in the agricultural sector through the use of public financing in order to make low-interest loans available to agricultural producers for specific uses. Seven board members govern CADA: three appointed by the President of the State Senate, three by the Speaker of the House, and one by the Governor. The Commissioner of Agriculture also serves on the board as a non-voting member.

The Colorado Aquaculture Board

The Colorado Aquaculture Board provides input to the Colorado Department of Agriculture on the promotion and development of the aquaculture (fish-farming) industry in Colorado. Seven members including producers, representatives from the Colorado Division of Wildlife, representatives from the US Fish and Wildlife Service, and representatives from the Colorado Department of Agriculture serve on this board.

Budget

	Commissioner	Agriculture Svc	Markets	Brand Board	State Fair
General Fund (GF)	2,496,197	5,809,200			
Cash Fund (CF)	1,075,011	4,377,782	80,645	2,988,720	
Cash Fund Exempt	785,399	272,001	682,281		8,023,981
Federal Funds (FF)	266,413	175,707			



*The State Fair lost it's enterprise status in FY 00. This means the State Fair appropriation will now be cash funded and count against the TABOR limit.

The Commissioner's office includes the Colorado Agricultural Commission, Resource Analysis Section, Administrative Services, Public Information and Human Resources. Agriculture Services includes the Inspection and Consumer Services Division, the Plant Industry Division and the Animal Industry Division.

Office of the Commissioner

Don Ament, Commissioner of Agriculture

Robert G. McLavey, Deputy Commissioner

The Colorado Department of Agriculture continues to be engaged in the issues that will shape the future of food and fiber production for the new century. Hot issues for the 1999-2000 year included: animal diseases, animal cruelty, wildlife species protection, Platte River Partnership, environmental quality protection, genetically altered crops, the Food Quality Protection Act, noxious weed management and Colorado Peak Performance. Other Commissioner's office activities include the 2000 Colorado Agricultural Outlook Forum.

Animal Diseases

Hot animal disease issues during 1999-2000 have been chronic wasting disease in elk, scrapie in sheep, and malignant catarrhal fever in bison. The Animal Industry Division Livestock Disease Section has monitored and controlled the spread of these and other diseases. The division has also led the way in forming new partnerships to do more with less.

Colorado's alternative livestock producers continue to face the challenge of preventing the spread of chronic wasting disease (CWD). CWD is a form of spongiform encephalopathy, a fatal disease of the brain and nervous system. CWD has been discovered to infect approximately five percent of the free-roaming deer and elk in Northern Colorado and Southern Wyoming.

The State Veterinarian has confirmed a second case of CWD on a large elk farm in Northeast Colorado and the herd will be under quarantine indefinitely. As a result, CWD will continue to command considerable attention within the department for the foreseeable future.

Vesicular stomatitis did not visit Colorado during 1999, nor was it diagnosed in the United States during this past year. The vesicular stomatitis protocol for 1999 was the same as 1998, which the Animal Industry Division commissioned accredited veterinary practitioners to monitor infected animals for healing and quarantine release.

The section worked with the sheep and wool industry to assist that industry with an epidemiological study of mastitis. They also worked with the alternative livestock industry to develop a proposed chronic wasting disease import rule. This section also worked closely with cattle industry in developing and implementing beef quality assurance programs throughout all segments of beef production.

The Rocky Mountain Regional Animal Health Laboratory developed several new tests, including DNA testing capability.

Animal Cruelty

With the continued growth that is presently taking place in Colorado statewide, there are many first-time animal owners. They often don't understand, for example, how much feed a horse needs per day, so the number of animal cruelty complaints and resulting investigations continue to increase. The Bureau of Animal Protection will continue to work with the Colorado State University Cooperative Extension and other organizations to provide animal care education. Bureau staff worked with the Brand Inspection Division and the County Sheriff's of Colorado to provide animal care education for brand inspectors, animal control officers and sheriff departments. The BAP gave assistance to municipalities and counties in dealing with special problems related to animal care. Emergency preparedness to aid the owners of companion animals has also been a major issue. The BAP has helped formulate a plan to interact with animal welfare agencies statewide to react to natural disasters as well as nuclear, biological or chemical emergencies.

Wildlife Species Protection

The staff of the Colorado Department of Agriculture continues to monitor developments regarding species protection, particularly the effects of designations under the Endangered Species Act. The department also continues to work with wildlife officials on pending species listings, including the mountain plover found in eastern Colorado, the Gunnison sage grouse, and the sharp-tailed grouse. The department anticipates release of a proposed rule that will determine how Front Range farmers can conduct irrigation without unnecessarily harming the Prebles Meadow jumping mouse. Ranchers in Western Colorado are concerned about the future of federal grazing permits in areas inhabited by the nearly a hundred reintroduced Canadian lynx. The Colorado Division of Wildlife released the lynx in 1999 and 2000.

In 1999-2000, staff worked with the Colorado Division of Wildlife and the US Fish and Wildlife Service as the Service considered the status of the black-tailed prairie dog (BTPD). In late 1999, the Service declared that the BTPD warranted listing as a threatened species but precluded further enforcement of the Endangered Species Act due to budget considerations. While the Service conducted its study, the Colorado Department of Agriculture worked with the Colorado Division of Wildlife and 12 other state and federal agencies to develop a work plan and memorandum of agreement to protect the habitat of the BTPD. The agreement calls on each agency to actively participate in habitat surveys, population estimates, and to develop a statewide strategy for habitat protection. The department remains skeptical that significant strides can be made in protecting the BTPD until such time as science provides an effective deterrent to sylvatic plague, the prairie dog's greatest enemy.

Platte River Partnership

Commissioner Ament served as Vice-Chairman and lead negotiator for Colorado as the state participated in the Platte River Endangered Species Partnership. This project is a three-state effort to address the upstream impacts on three endangered species. The goal of the partnership is to develop workable solutions to the needs of the Platte River wildlife habitat associated with fluctuations of in-stream flows. Commissioner Ament will serve as the partnership's Chairman for the coming year.

Environmental Quality Protection

Department staff has worked throughout the year with livestock producers and the Colorado Department of Public Health and Environment to implement the 1998 voter-imposed law governing larger hog production facilities. The law, known as Amendment 14, imposes stringent air and water protection measures for this category of livestock facilities. The rules are now in place and will be in full force beginning July 1, 2000.

The department has also been active in developing general water quality discharge permits for other livestock facilities. Dairies and cattle and sheep feedlots are seeking permits that stipulate how they can protect surface water quality and conform to the requirements of the federal Clean Water Act. The permits will likely be available and by the end of 2000.

Genetically Altered Crops

The issue of genetic engineering became a front-page issue in the year 2000 as some citizen organizations called for stringent controls on the use and labeling of products containing genetically altered crops. Currently, Congress is considering a bill that would require that foods containing gene-altered crops be labeled to inform consumers of the presence of the product. Colorado voters may be asked to consider a statewide labeling bill that would be required by citizen petition. The department continues to believe that only sound science should dictate how and when gene-altered foods will be allowed.

Food Quality Protection Act

The department has begun an intensive effort to assure food product safety while maintaining the ability of farmers and ranchers to obtain effective and affordable crop protection chemicals. The department will work throughout the next year to urge the Environmental Protection Agency and federal lawmakers to ensure that implementation of the FQPA does not result in negligent decisions that eliminate the availability of proven pesticides.

Noxious Weed Management

The department distributed \$220,700 in weed grants to 19 local, regional, and statewide projects. Collectively, recipients matched the state's dollars with approximately \$840,033 (3.81:1 matching ratio). Grants ranged from \$1,812 to \$28,000. The State Weed Coordinator continued to facilitate the development of a statewide strategic plan to help focus Colorado's noxious weed management efforts at every level on public and private lands. The result of this plan will be a more coordinated, efficient and successful weed management effort involving numerous public and private partners throughout the state. The coordinator also continues to increase weed awareness through educational materials and events.

Colorado Peak Performance

The department's trial year for the new performance management ended December 31 and evaluations have been completed. The department's performance evaluation year is April 1, 2000 through March 31, 2001. Supervisors and employees collaborated to have new performance plans in place by April 1 and incorporated lessons learned from the trial year. Results of a recent employee survey indicate strong support for the performance planning and evaluation process.

The department's CPP plan was presented to the CPP Core Committee and approved in February. We anticipate participating proactively with the Department of Personnel/GSS and other state agencies to develop a revised merit/performance pay system.

Colorado Agricultural Outlook Forum

The mission of the Colorado Agricultural Outlook Forum (CAOF) is to facilitate a spirit of community to enhance Colorado agriculture's competitiveness; and to encourage positive awareness of Colorado agriculture, and interaction among commodity and other industry segments. The forum strives to present future-oriented, cutting edge topics that promote communication and understanding across the entire industry while considering the uniqueness among industry segments. International and national speakers capitalized on our theme "International Trade, GMOs, and Environmental Markets" and 437 people attended this event on February 10, 2000.

The Colorado Agricultural Outlook Forum is sponsored jointly by the Colorado Department of Agriculture, Colorado State University Cooperative Extension, and graduates of the Colorado Agricultural Leadership Program.

In conjunction with the Colorado Agricultural Outlook Forum, Commissioner Ament convened the sixth-annual meeting of AgInsights. AgInsights is a group made up of organizations and individuals committed to building a strong future for Colorado Agriculture. From 15-25 agricultural organizations participate in quarterly meetings where they discuss their concerns with other groups and determine what they can do as a whole to resolve those issues. There are two primary subcommittees: legislation and media.

The Colorado Agricultural Commission is a nine-member board of agricultural leaders, appointed by the Governor and confirmed by the State Senate. The Commission is responsible for: making recommendations to the Commissioner, the Governor and General Assembly regarding agricultural issues with the state; developing policies for preparing and enforcing rules and regulations related to agriculture; reviewing and approving all rules and regulations before release by the Commissioner or the agriculture department's divisions; developing general policy for managing the agriculture department; and monitoring and approving the department's budget.

The Colorado Agricultural Commission held five meetings and two conference calls in FY 1999-2000. The meetings were held in Denver, Greeley, Cortez and Pueblo. A town meeting was held in conjunction with the Greeley and Cortez meetings, with 70 local citizens in attendance. The Commission and the State Fair Authority Board jointly met with the Governor in Pueblo.

The Commission approved the appointment of Bureau of Animal Protection agents and/or advisory committee members for weed-free hay, agricultural chemicals and groundwater protection, pesticide applicators, organic certification, nursery and chemigation. The Commission approved fruit and vegetable inspection fees, farm products dealer/commodity handler bond schedule, commodity handler examination fee schedule and weed grants for the year 2000. They approved amended rules for the Pesticide Act, Alternative Livestock Act, Pet Care Facilities Act and the Nursery Act. The commission authorized the appointment of a special counsel for the State Fair Authority.

The State Veterinarian's Office worked with the Colorado Elk and Game Breeders Association, the Colorado Division of Wildlife, Colorado State University and others on the emergence of chronic wasting disease (CWD). As a result, the Commission approved the designation of CWD under the department's authority in alternative livestock statutes, CRS 35-50-151. In early 1999, a small captive elk herd near Hudson and an index herd near Ft. Collins were diagnosed with CWD. The Commission approved indemnification for the Hudson herd. The index herd remains under quarantine. Another case of CWD has recently been diagnosed in a captive elk facility near Stoneham. The Commission also authorized an animal checkpoint to restrict movement of livestock.

Commission members are Bob Briggs from Westminster, CO representing the Green Industry; Steve Ela, an apple grower from Hotchkiss, CO; Max Harper, past chairman and a dairyman from Yuma, CO; Penny Lewis, a cattle rancher from Kremmling, CO; Glen Murray, present chairman and a corn and wheat farmer from Brighton, CO; Brad Rock, Vice Chairman, a farmer and cattle feeder previously from Hudson, recently relocated near Wray, CO; John Salazar, a livestock and certified seed producer from Manassa, CO; Kelly Spitzer, a grain merchant and family farmer from Wiley, CO; and Dan Webster, a livestock feeder from Greeley, CO.

Resource Analysis

Dr. David Carlson, Section Chief

This section analyzes key issues and trends affecting Colorado agriculture and develops and manages special programs at the direction of the Commissioner.

The section continues to disseminate information on agricultural land conversion in Colorado through documents and presentations, focusing on landowner-oriented approaches to agricultural land preservation. Section staff, together with staff from the US Department of Agriculture (USDA) National Agricultural Statistics Service and the USDA Natural Resources Conservation Service are preparing a detailed comparative analysis of the different data sources for agricultural land conversion trends. Check the section's extensive set of tables and articles at [www.ag.state.co.us/resource analysis](http://www.ag.state.co.us/resource%20analysis).

Section staff participated in task forces and stakeholder meetings to develop growth management approaches acceptable to agricultural interests. Staff also participated in meetings with other agencies and with agricultural industry leaders to develop acceptable solutions to agriculture-wildlife conflicts.

In 1999-2000, section staff coordinated the 2000 Colorado Agricultural Outlook Forum, which attracted more than 430 people. Section staff released its final report containing estimates of net irrigation requirements by crop for each county in the state. Staff also assisted in the planning and implementation of the Colorado Peak Performance Plan for the department.

Administrative Services Section

Pat Farnes, Controller

The Administrative Services Section, a.k.a. fiscal, continues to focus on customer service in accounting, budgeting, purchasing, data processing, and business support services to each department division, the public and department clients.

In the past year, the fiscal section has improved its service delivery in a number of areas. To cut down on paper work and to improve timeliness, the fiscal group is currently implementing an on-line purchase requisition for signature. To help ensure proper budget control and purchasing control, division and section directors must approve each purchase requisition. This has traditionally been accomplished by signature through interoffice mail. Signatures and approvals can now be performed through department email.

In April of 1999, the department was granted the ability to make procurements using competitive bids. Purchasing rules require that any commodity over \$10,000 or service over \$25,000 must be conducted by an invitation for bid. Traditionally, State Division of Purchasing handled the invitation for bid process, collecting the bids from vendors and performing the bid opening process. The department is now performing these duties, with the approval of the State Division of Purchasing. The department purchased the mass spectrometer for the standards lab and the Measurement Standards truck through this process.

Additionally, the contract administrator has worked diligently with the Attorney General's Office, the State Division of Purchasing, and the State Privatization Program to implement a phase-one routing waiver on three department contracts: noxious weeds contracts, predator control contracts, and the Wine Board marketing assistance program contracts. This waiver allows the department to approve these contracts through delegated authority, which has significantly cut the time necessary to carry out the contract process.

The 1998 facilities audit continues to assist the department in identifying capital construction and controlled maintenance needs. The fiscal section supports the department in facilitating capital construction and controlled maintenance requests and will continue to seek the proper resources for upkeep of department facilities. The department will be seeking funds in fiscal year 2002 to direct an updated facilities audit.

The fiscal section will continue to work with and train department staff in purchasing procedures; thereby ensuring purchasing rules compliance. Additionally, this section will provide good, accurate information to the executive and legislative branches, and meet fiscal deadlines.

Information Technology (IT)

John Picanso, Information Technology Manager

The information technology group provides information technology coordination, planning, and service to each department program. This group is responsible for maintaining program functionality and integrity, as well as maintaining the department's computer infrastructure. Additionally, this group is the departmental liaison to the Governor's Office of Innovation and Technology.

It has been a successful and productive year for IT. The department effectively implemented Y2K compliance standards, thereby averting any system failures. Also, the department is now fully interconnected with remote sites and central agencies. This has proven an immense benefit to our remote offices in Monte Vista and Palisade.

Additionally, the IT staff coordinated the purchase, configuration and deployment of a quarter of the department's infrastructure through the IT asset maintenance plan, as well as implemented database standards and rewrote 15 database programs. Lastly, the IT staff is now conducting in-house training courses. This has significantly reduced costs in keeping department personnel up to date with software applications, as well as improving their skills.

Public Information Office

Jim Miller, Director of Policy and Communications

The public information office provides the public and the media information about, and access to, the services and activities of the Colorado Department of Agriculture. For half of this year, the Public Information Officer (PIO) had the privilege of being the department's representative in the Governor's Office of Innovation and Technology, working on the Governor's New Century Colorado (NCC) initiative. The other half of the year, the PIO focused in five main areas: media communication, publications, citizen's advocate, agriculture promotion through participation in AgInsights, and promotion of the Colorado Agricultural Outlook Forum and other events.

In NCC, she spent time on the E-procurement Team interviewing State employees and documenting steps in vendor registration, bid acceptance, electronic catalog purchasing, and vendor payment. After the group submitted their findings and recommendations, she was transferred to the internal Communications Team. There, she created and continually updated several tools to assist teams in communicating with one another, including the creation and updating of the internal *Team Connection* web site (177 files) where team members could share announcements, reports and information. She also created and continually updated the public New Century Colorado web site (914 files), located at www.state.co.us/ncc/. She wrote and submitted a 17-page detailed public relations plan, interviewed agriculture departments across the US on membership and dues expenses in relation to their budgets and more.

During the other six months of the year, the PIO wrote and faxed out 85 press releases and worked on teams for the Ag Appreciation Day at the Rockies event and the Colorado Proud campaign. She coordinated the department's first booth at the Colorado State Fair, completed a Measurement Standards survey and completed the Animal Care Resource Guide database. She also wrote for and compiled the department's monthly employee newsletter and the annual report. This year, the Public Information Office thankfully had assistance in creating and/or updating 26 audience databases.

The Public Information Office stopped sending press releases via mail and saved over \$7,000 by distributing news releases via fax and email. The PIO also assisted the Colorado State Patrol in installing and implementing the same media information distribution system. She is currently working with the State Division of Purchasing to contract with one electronic clipping service for all State departments.

The officer is active on the AgInsights media team and this year participated on teams to host a legislative luncheon and tour and to design and sell crop identification signs. The officer leads the Colorado Agricultural Outlook Forum Marketing and Public Relations Team, including the creation, execution and evaluation of the marketing and public relations plan; formulating, implementing and monitoring the budget; creating and distributing all marketing pieces; and setting up press conferences with speakers. This year, the PIO created a new web site for the event at www.ag.state.co.us/forum/default.htm. The office also answered over 4,000 information calls and requests.

Human Resources

Marilyn Stolpa, Human Resources Administrator

Human Resources' mission is to provide a full range of human resource services to all internal and external customers to insure that the department of agriculture hires and retains high-quality and satisfied employees.

Human Resources directs and administers the following for the department: recruitment and selection, job evaluations, benefits, leave, retirements, data input into the State employee database, workers' compensation claims, short term disability, risk management, and employee and management consultation. Human Resources is committed to effectiveness and efficiency and this fiscal year has been or is involved in many projects to foster a more efficient and effective human resources operation. These efforts include: a joint effort with the Information Technology staff to develop a comprehensive human resources database that will streamline and automate many human resources related tasks; work site ergonomic evaluations for employees to prevent possible work related injuries; and collaboration with State Fair staff to establish a mutually beneficial working relationship.

This year, Human Resources staff recruited for, tested and filled 29 vacant positions. Job classes filled include multiple inspectors, brand inspectors, international marketing specialist, structural trades, pesticide applicator coordinator, director of the Colorado Wine Industry Development Board, pesticides enforcement specialist, program assistants, and administrative

assistants. Vacancies were filled in all divisions of the department. In addition, Human Resources staff created and filled temporary positions to provide seasonal assistance for brand inspections, fruit and vegetable inspections, other programs and projects.

The Human Resources Administrator continues to be actively involved in the department's activities for the implementation of pay for performance.

Division of Markets

Jim Rubingh, Division Director

The Markets Division is responsible for developing new marketing opportunities for Colorado producers and processors, as well as retaining existing markets for the full array of Colorado products. The division also develops promotional programs and materials, assists in expanding the state's food and agriculture processing industry, administers the seal of quality program, and collects livestock and produce market news from around the state. The division also oversees eight market orders, is responsible for administration of the Wine Industry Development Board, licenses all of the state's aquaculture producers and provides staff for the Colorado Agricultural Development Authority.

Market Orders

Helen Davis, Senior Marketing Specialist

Market orders are created and can be discontinued only when growers petition the Commissioner of Agriculture. When the majority of producers vote for the creation of the market order, the Commissioner of Agriculture formally creates and oversees it, including approving the market order's budget. The first commodity handler collects market order funds and turns them over to the board. Each commodity has its own board, composed of producers who determine how those funds should be used – on research, promotion and/or education. Market order funds cannot be used for political purposes, including lobbying. Most market order funds are totally or partially refundable, allowing producers to request refunds within 30 days.

Market orders provide greater utilization of commodities and increased profitability for producers. In some cases, market orders provide for commodity inspection and grading in order to assure that only high-quality commodities reach the marketplace. Market orders generally work to solve marketing problems and conduct programs that would be impossible for individual producers to accomplish.

There are eight active market orders in the state for apples, corn for grain, potatoes (two), dry edible beans, sweet corn, milk and wheat, representing 15,000 farms and over \$1 billion in sales. This year, the sunflower growers requested a market order and the department is in the process of holding public hearings.

The Markets Division responsibilities involve establishing, enforcing, and overseeing the administration of the market orders. In addition, the program serves to enforce the market order rules and regulations by conducting investigations, holding hearings, and reviewing audits of the orders. The agency reviewed budgets for the eight market orders and approved expenditures totaling over \$3 million.

This year, the division created a market order taskforce to evaluate whether or not market orders are fulfilling producers' needs in research, promotion and advertising, education, quality inspection and fair competition. Results will be released as soon as they are available.

International Marketing

Tim Larsen, International Marketing Specialist

The goal in the international marketing program is to increase the export sales of Colorado grown and processed agricultural products. This section works with individual companies as well as in developing industry-specific marketing efforts. International marketing also provides access to the USDA Foreign Agricultural Service (FAS) programs. This section also coordinates agricultural access to the State of Colorado offices in Japan and Mexico.

International marketing provides individual counseling ranging from market assessment utilizing research reports, computer data sources and other research, to assistance in obtaining "Branded Promotion" grants for overseas marketing through the USDA. International Marketing also assists through Colorado's Agricultural International Trade Promotion program (AITPP), which provides financial assistance for international promotions.

A key element of the section's international trade development effort is coordinating state participation in WUSATA, the Western US Agricultural Trade Association. Through WUSATA, Colorado companies have access to international trade development funds, industry and market promotions in overseas markets. The Colorado Department of Agriculture is currently managing one project in Japan, one in the European Union (EU) and one in Mexico. In Japan, the Markets Division manages a food service project; in the EU, an organic products project; and in Mexico, a project to increase the exports of breed-stock sales. The Markets Division has recently established a rancher exchange program with Mexico and has established a Colorado International Livestock Cooperative. With cooperation from the International Trade Office, the US Export Assistance Center, and the US Department of Agriculture, the Markets Division assists in staffing an international assistance office in Montrose.

The international marketing section continues to build the resource library for international trade to provide marketing data on most international markets for food and agricultural products. The section is also active in meeting with companies at their plants or ranches. The Markets Division has lead in a national effort, funded by the USDA, to establish a national standard for state databases for companies and exporters and continues to seek more efficient and effective ways to reach potential buyers worldwide.

Domestic Marketing

Wendy White, Marketing Specialist

The mission of the domestic marketing program is to increase awareness and demand for Colorado food and agricultural products in local, regional and national markets.

The domestic marketing staff publishes and distributes several marketing directories for Colorado producers, including the *Hay Directory*, the *Farm Fresh Directory*, the *Fresh and Processed Food Trade Directory* and the *Food and Beverage Gift Guide*. The Markets Division also offers a handbook, *Developing a Marketing Plan for your Food Product* and publishes a quarterly newsletter. The division has made most of their publications available on the Internet.

This year, the Markets Division launched the *Colorado Proud* campaign, encouraging people to buy Colorado foods. Governor Bill Owens introduced the logos at a media event/picnic at the capitol in late August. Governor Owens also appeared in a public service announcement to encourage Colorado consumers to look for and purchase Colorado products. Division staff worked with the Rocky Mountain News to publish a special insert announcing the program and worked with the ACF Culinarians of Colorado, retail and institutional buyers to encourage participation in the program. Over 100 companies are now participating in the program.

Ongoing marketing activities include: *A Match Made in Colorado*, a joint marketing program with the ACF Culinarians of Colorado that promotes the use of Colorado food products by the state's foodservice industry; the seal of quality program, a labeling and inspection program that differentiates super-grade apples; another seal of quality program with the Colorado Livestock; the centennial farms program which recognizes 100-year-old farms in the State; the *Gimme 5 Colorado* produce campaign, a statewide effort to increase awareness of the importance of fruits and vegetables in the diet; and a public relations program which informs consumers when select Colorado crops come into season.

As part of AgInsights, the Markets Division maintained the Colorado Agricultural Speakers Bureau, which provides speakers on agricultural issues for audiences throughout the state, and an agriculture awareness campaign. Aginsights also worked with a local sculptor to create and sell statues to honor Colorado farmers and ranchers. With each statue purchase, the buyer's name is engraved on a bronze plate, which will be placed at the foot of the sculpture at CSU. The group has sold 60 statues so far.

The division also administers a program to promote Colorado wines, which is funded by the Colorado Wine Industry Development Board. The Markets Division continues to serve as the lead agency for aquaculture development in the state and has licensed more than 40 aquaculture facilities. Personnel from the Markets Division assist in distributing \$6 million in agricultural loans/bonds for first-time farmers and for agricultural processing.

Business Development

Rosemary Biggins, Business Development Specialist

The purpose of the business development program is to encourage agricultural manufacturing in-state. Included in this effort is assistance to start-ups, existing business, and agricultural recruitment undertaken in conjunction with the Colorado Office of Business Development.

The Markets Division administers the Agricultural Processing Feasibility Grant program to assist local governments and entrepreneurs in evaluating the potential for developing or expanding agricultural processing facilities. The Colorado Economic Development Commission funds this program and this year, the division distributed \$55,000 in feasibility grants. Private consultation, as well as written and group training is also provided for start-up food processors. Publications and programs for start-ups include: *From Growing to Processing: A Guide For Start-up Food Processors*, a workshop on *Starting a Food Processing Business*, and *Checklist for Start-Up Food Processors*, a concise list of steps in developing a food processing business.

Growth of existing business is encouraged through: the Domestic Trade Show Assistance program, which provides partial funding for booth space at domestic food trade shows outside the state; Colorado sections at the International Fancy Food & Confection Trade Shows; the *Colorado Co-Pack Directory*, a listing of food companies which provide contract packing services; a workshop on *Marketing Your Food Product*; and facility visits to inform processors about available programs.

A publication called *Public Finance for Colorado Agriculture*, informs growers and processors about available grant and loan programs.

Cooperative efforts continue to grow with agencies and associations that have a focus in line with the division's business development program. Partnerships include: the American Institute of Wine & Food-Colorado Section, the Colorado Food Association, the Colorado Office of Business Development, the Colorado Small Business Development Centers, the Colorado State University Cooperative Extension and the Denver Enterprise Center.

Market News

Tom Gutierrez and Charlie Niccoli

Personnel of the Colorado Department of Agriculture's Markets Division attend livestock sales at the major sale yards around the State to report the movement and price of livestock exchanged in open trading. This information is made available to livestock producers. The staff also monitors and reports on hay, fresh produce and nursery marketing.

Brand Inspection Division

J. G. Shoun, Brand Commissioner

The Brand Inspection Division has a long history in Colorado beginning around 1865 in what was then the Colorado Territory. Today, the division administers more than 37,000 livestock brands to identify ownership of cattle, sheep, mules, burros, horses, elk and fallow deer. Brand inspection is crucial to verify ownership in cases of strayed or stolen livestock, and animal health programs are strengthened by the ability to trace animals to their herd of origin.

The division is administered by the State Board of Stock Inspection Commissioners comprised of five members, appointed by the Governor, representing all segments of the industry. The members of the board during the 1999-2000 period are Mr. Dick Tanner of Yoder, Mr. Dean Davis of Lindon, Mr. Lee Spann of Gunnison, Ms. Linda Ingo of Ridgway and Mr. Roger Hickert of Akron.

The division employs 65 brand inspectors located throughout the state, eight brand foremen, one theft investigator and nine administrative personnel, including Brand Commissioner J.G. Shoun. The annual budget for the division exceeds \$3 million and is completely funded by fees levied to livestock owners, and brand registration and assessment fees levied every five years.

The division is assigned five principal regulatory responsibilities: to record and administer livestock brands; to inspect livestock and verify ownership before sale, transportation beyond 75 miles, transportation out of the state, or slaughter; to inspect and license packing plants, livestock sale rings as well as inspect all consignments before sale to verify ownership; to license and inspect alternative livestock (elk and fallow deer) facilities; and to investigate reports of lost or stolen livestock and to return strayed or stolen livestock to their rightful owners.

In addition, brand inspectors collect beef promotion and research funds, as well as Colorado Horse Development Authority horse promotion funds. The division is also the trustee for all surety bonds issued to licensed markets and packinghouses doing business in Colorado.

In 1999-2000, division personnel traveled in excess of 1.4 million miles and inspected approximately 4.9 million head of livestock. In addition, they identified ownership of lost, stolen, strayed or questionably owned livestock valued at over \$17 million. The division conducted 56,000 horse inspections and issued permanent horse travel permits.

The Brand Inspection Division has concentrated on educational programs in the past few years. The focus of the educational program is on teaching brand law and theft prevention to the public and law enforcement agencies. Fourteen classes were given in 1999-2000, all in different areas of Colorado.

Division of Plant Industry

John Gerhardt, Director

The Colorado Department of Agriculture's Division of Plant Industry performs a wide array of services to the public and engages in several important environmental and public health protection programs.

Beginning as the Bureau of Plant and Insect Control in 1937, the agency was under the direction of the State Entomologist. The Colorado Department of Agriculture Plant Industry Division is organized into the Biological Pest Control, the Plant and Insect Section and the Pesticide Section. The division's staff of 40 includes 13 field inspectors, six biological pest control specialists and one State Weed Coordinator.

Biological Pest Control Section

Kent Mowrer, Section Chief

In 1945, the Bureau of Plant and Insect Control developed the state's initial biological pest control program in Palisade, Colorado, at the Colorado Department of Agriculture Insectary. Biological pest control program employees study, import, rear and release beneficial insects to control plant and insect pests. Biological pest control decreases production costs, reduces a portion of the chemicals entering the environment and offers a more permanent pest control solution.

In 1999-2000, the staff of the Biological Pest Control Section made releases of 42 species of beneficial insects that were designed to assist in the suppression of 17 weed species and six insect pests. A total of 169 post-release surveys were conducted which revealed that 20 of the natural enemy species are now established in Colorado. These activities were conducted throughout the state on private and public land.

Plant and Insect Section

Mitch Yergert, Section Chief

This section provides the following services:

- Inspect plants and plant products intended for export to provide phytosanitary certification required by receiving states and countries;
- Register sellers of nursery stock, providing inspection of that stock to aid in control of insects and diseases, and aiding consumers in purchasing high quality stock;

- Inspect apiaries for bee diseases, by request;
- Conduct pest surveys and work with private and public agencies to control certain pests;
- Administer and enforce the Colorado Chemigation Act to avoid pollution of groundwater sources;
- Register and inspect commercial seed dealers to assure truth in labeling of seed as to content and germination claims;
- Administer the Organic Certification program to assure buyers that organically-grown produce conforms with state standards;
- Administer fruit and vegetable pesticide residue monitoring under contract with USDA;
- Administer request program for certification of weed-free hay and mulch crops;
- Register canola fields to avoid cross-pollination of different types of rapeseed (The San Luis Valley is the only area subject to the registration program at this time);
- Implement noxious weed management program activities including distribution of grant money; and
- Enforce the late blight quarantine by inspecting and sampling truckloads of potatoes coming into the San Luis Valley.

The Plant and Insect Section issued an estimated 2,000 phytosanitary inspection certificates on plant products for international export, valued at approximately \$14 million. Inspectors conducted 1,100 inspections of nurseries and greenhouses and issued approximately 1,600 registrations to sellers of nursery stock. An estimated 15,000 stop sale orders were issued on nursery stock.

Chemigation permits issued totaled 3,234 in 1999. Inspectors conducted approximately 1,150 seed dealer inspections, and issued an estimated 140 cease and desist orders for labeling violations. The Plant and Insect Section registered approximately 980 seed sellers and custom seed conditioners and certified 196 organic growers.

The fruit and vegetable pesticide residue-monitoring program identifies possible contaminants in the food system. A total of 343 samples were taken in 1999.

Under the weed-free certification program, a total of 439 field inspections were made on 19,772 acres of forage and mulch crops, mostly hay, for 160 producers.

In the potato late blight quarantine enforcement program, the division inspected 26 loads of seed potatoes transported into the San Luis Valley in the spring of 1999.

Noxious Weed Management

Eric Lane, State Weed Coordinator

As the third full-year for the department's noxious weed management program, 1999-2000 was a productive year. The program places a high priority on helping communities across the state develop, implement, or improve noxious weed management efforts at the local and county levels. At the local level, the program worked extensively to eradicate rare noxious weeds such as orange hawkweed, Eurasian watermilfoil, Mediterranean sage, purple loosestrife, and yellow starthistle.

The department reviewed 44 applications to the Colorado noxious weed management fund that requested a total of \$624,951 in assistance and offered to provide a total match of \$1,830,632 (2.93:1 overall matching ratio). After careful review, the department distributed \$220,700 to 19 projects of local, regional, and statewide importance. Collectively, recipients matched the state's dollars with approximately \$840,033 (3.81:1 matching ratio). Awarded grants ranged from \$1,812 to \$28,000.

The State Weed Coordinator was also active in implementing Governor Owens' executive order, which instructs State agencies to improve their efforts to manage weeds across the state. This coordinated effort could greatly advance weed management efforts on State lands.

In addition, the State Weed Coordinator was active in developing and enhancing relationships with regional organizations including the Western Governors Association and Western Weed Coordinating Committee. The coordinator assisted the North American Weed Management Association with the development of international mapping standards, which will be adopted by Colorado and other neighboring states. The program was also active in implementing new regulations prohibiting the sale of numerous noxious weeds, both ornamentals and contaminants, through seed and nursery trade in Colorado.

Pesticide Section

Tom Kosinski, Section Chief

The Pesticide Section regulates pesticide products, pest control devices, pesticide applicators, and groundwater quality. Pesticide Section services include: ensuring proper labeling, packaging, displaying, formulation, and effectiveness of pesticide products; handling special local needs pesticide registrations and emergency exemption requests for pesticides; ensuring competency of commercial pesticide applicators, and under certain circumstances, commercial and public applicators; and ensuring the protection of groundwater and the environment from impairment or degradation due to the improper use of agricultural chemicals.

After 21 years of dedicated service, Linda Coulter retired as Section Chief. Tom Kosinski comes to the department with 15 years of regulatory and industrial pesticide experience. The section worked with the Pueblo County District Attorney's office to obtain a criminal conviction and sentence for an applicator that was using a forged applicator's license to perform pesticide applications for an extensive customer list, while under permanent injunction with the department. As a result, he was sentenced to 30 days of home detention and four years of probation.

Due to an increase of new pesticide chemistries, the department's pesticide laboratory purchased a new gas chromatograph mass spectrometer to aid the section in pesticide formulation and investigative sampling.

In 1999-2000, approximately 11,649 pesticide products were registered in Colorado; approximately 597 applicators were tested for competency. Approximately 738 commercial pesticide application firms were licensed and 119 limited commercial and public applicators were registered. Approximately 2,979 applicators were licensed as qualified supervisors or certified operators. Approximately 43 complaints of misuse of pesticides or other violations of the Pesticide Applicators' and Pesticide Act were investigated; and administrative actions were finalized in approximately 32 complaints ranging from letters of warning to license suspensions, civil fines, assurances of discontinuance, injunctions and license revocations.

To ensure groundwater quality, the section coordinates the efforts of federal, state, and local agencies with the emphasis on public education, outreach, and monitoring. Presentations to industry, professional organizations and interested groups are ongoing to inform and seek input. A citizen advisory committee consisting of representatives from the general public, producers, and agribusiness, has been instrumental in determining program priorities, development and implementation.

In 1999-2000, the groundwater protection program inspected 92 secondary containment sites, 102 mixing/loading pads, six large fertilizer tanks, and had eight enforcement actions. Staff had two meetings with the advisory committee for program input/direction and continued an aggressive education program in the South Platte Basin, focusing primarily on crediting nitrogen in irrigation water and nutrient management planning. Staff completed two fact sheets and one technical report on the status of best management practices (BMP) adoption in Colorado, completed one fact sheet on nitrogen management BMPs and completed a revised bulletin on BMPs for manure utilization. Program staff began work on developing groundwater vulnerability matrices for assessing nitrate and pesticide contamination potential and completed development of a *Pesticides in Groundwater Protection Plan* for EPA. They conducted follow-up monitoring to the regional groundwater quality baseline study for the Western Slope of Colorado and continued long-term monitoring in the South Platte. They also produced a report on West Slope groundwater quality based on previous season's sampling.

Inspection and Consumer Services Division

Ronald Turner, Director

The Inspection and Consumer Services Division consists of five sections: technical services, farm products, laboratory services, measurement standards and fruit and vegetable inspection. The division employs approximately 100 individuals in a variety of inspection programs designed to assure fairness, quality, safety and financial soundness in commercial transactions.

The facility operations program oversees two state-owned buildings and two leased properties for fruit and vegetable inspection. The facility operations program has one goal in mind - to make sure that the buildings maintain a safe and secure environment for the employees.

Technical Services Section

Jim Thurman, Section Chief

The division's Technical Services Section is responsible for field inspections, testing and/or sampling for the following programs: measurement standards (small devices), feed, fertilizer, anhydrous ammonia, egg, and meat inspection. Each inspector in the section has been trained to perform inspections in all program areas. Thirteen inspectors, strategically located throughout the state, perform the various inspections required for each program. Inspectors are empowered to enforce the laws and regulations relating to each program.

The feed program registers and selectively samples commercial animal feeds throughout the state. In 1999-2000, 889 companies registered over 15,000 products. Program employees collected 3,900 samples of feed products. Inspection (tonnage) fees were collected on 1,753,931 tons of feed. Under a cooperative agreement with the US Food and Drug Administration (USFDA), five medicated feed mills were also inspected. Under the current cooperative agreement with the USFDA, 45 inspections were conducted to ensure compliance with the "BSE Rule." The "BSE Rule" bans the feeding of certain mammalian proteins to ruminant animals.

A new feed law went into effect in Colorado on January 1, 2000. The feed program is currently in the process of adopting new rules under this law which will clarify the statutory requirements. Input and comments are being compiled through the rule making process and the department expects these rules will be in effect by the 4th quarter of the year.

The egg program assures compliance pertaining to quality and labeling standards for eggs at the retail and wholesale level. In 1999-2000, 2,350 retail licenses and 90 wholesale licenses were issued. At these licensed locations, eggs are inspected for food safety and quality. The department continues to work with the industry to improve the quality of eggs on the market.

The fertilizer program registers and selectively samples fertilizers, soil conditioners and related products to determine nutrient content and to assure labeling accuracy in accordance with State laws. In 1999-2000, the department registered 316 companies and 2,755 products. The fertilizer program also inspects 4,500 anhydrous ammonia tanks and assists in safety training in the use of this potentially dangerous product.

The meat inspection program licensed 82 custom meat processors and 12 food plan operations. This program also inspects 101 meat processors to protect the public from unsanitary or fraudulent practices in meat processing and in bulk meat sales. The program has a cooperative agreement with the US Department of Agriculture (USDA) Food Safety Inspection Service to inspect custom processing facilities for the USDA.

Farm Products Section

Gary Graalman, Section Chief

The Farm Products Section is responsible for the enforcement of statutes licensing and regulating those who buy and/or store agricultural products produced in Colorado, or owned by Colorado residents. The section makes sure dealers and state-licensed warehouses are bonded and adequately capitalized. The section licensed over 1,400 firms and holds surety bonds in excess of \$95,000,000. The section coordinates with the USDA Farm Service Agency and Commodity Credit Corporation to assure that Colorado grain producers can participate in the government grain loan programs.

The section investigates complaints by dealers, producers and owners against dealers operating in Colorado. The Farm Products Section issues cease and desist orders and/or other regulatory sanctions in the event a firm appears to be financially unable to meet its commitments. In addition, the section conducts investigations of complaints regarding timely payment or non-payment for farm products purchased and seeks remedies for losses including bond demands, licensing changes, civil and criminal prosecution.

The Farm Products Section tests and verifies the accuracy of commercial testing equipment used in the grain industry such as moisture meters and protein analyzers.

The section created a grain storage taskforce to prevent, prepare for and address grain and livestock problems in Colorado. They have discussed grain storage problems, genetically modified corn regulations, the federal loan deficiency payment program guidelines and the loan environment for grain and livestock producers. Representatives from the Colorado Agricultural Commission, the Colorado Cattlemen's Association, the Colorado Cooperative Council, the Colorado Corn Administrative Committee, the Colorado Wheat Administrative Committee, the Colorado Grain and Feed Association, the Colorado Livestock Association, the Colorado Farm Bureau, the Rocky Mountain Farmers Union, Independent Bankers of Colorado and USDA Farm Service Agency are on the taskforce.

Laboratory Services Section

Charles Hagburg, Section Chief

The Laboratory Services Section analyzes animal feeds and fertilizer samples to ensure they conform to the manufacturers' label claims for nutrients, medications and other ingredients. The laboratory also analyzes pesticide concentrates to check for compliance with the manufacturers' label claims.

The laboratory participates in a cooperative grant program with the US Environmental Protection Agency to analyze pesticide residue samples. Department investigators collect these samples in commercial pesticide applicator pesticide misuse or misapplication complaint cases.

The laboratory has a microbiology section, which can examine food destined for human consumption for contamination by harmful bacteria, in addition to checking animal feeds for antibiotics.

Our groundwater testing staff continues to work in cooperation with the Colorado Department of Public Health and Environment and Colorado State University to analyze groundwater samples from around the state. These samples are analyzed for pesticide and nitrate contamination. The lab analyzed 186 water samples, for a total of 4300 different constituents. In the spring of 2000, our groundwater lab is working with USGS on a project to examine soil from drilling cores for the presence of pesticides. We will resume our normal water analysis this summer beginning with 22 monitoring wells we have checked for the last five years.

This year, the entire laboratory performed a total of approximately 20,000 different analyses on over 4,000 samples.

Measurement Standards Section

David Wallace, Section Chief

The Measurement Standards Section licenses all weighing and measuring devices in commercial use in Colorado and certifies public scales. The State Metrology Laboratory maintains Colorado's official mass length and volume standards, and provides calibration of mass, frequency, length, volume and moisture in grain for public and private agencies.

The State Metrology Laboratory calibrated 6849 mass standards, performed 152 other tests, and certified 765 tuning forks used to calibrate radar speed detectors.

The Measurement Standards Section inspects and test packages for truth in labeling and the accuracy of measuring devices used commercially. More than 26,000 small weighing devices were tested this fiscal year, and of those, 11.7% were out of compliance. Multiple inspectors also performed 90,876 price verifications and errors up to 50% were common. Inspectors examined 52,761 packages for short measure and found 20.7% to be in error. Inspectors assessed \$49,930.66 in fines.

Because the Measurement Standards Section doesn't have enough inspectors to protect consumers from content and price discrepancies in the growing number of stores, they developed a retail training program, working with stores to test themselves in price verification, accurate packaging and weighing. As part of this program, the Measurement Standards Section presented four of Colorado's top grocery stores with certificates of excellence for accurate packaging, labeling and scanning.

The section's large scale testing units tested and inspected 3,557 scales (a 6.2% decrease over last year), while rejecting 45% of the scales tested. A projected budget shortfall had Measurement Standards working overtime (over 90 hours) to ensure that all scales used for planting and harvest were certified prior to 3/31/00. As a result, many other scales remain untested.

Fruit and Vegetable Inspection Section

Tracy Vanderpool, Section Chief

The Fruit and Vegetable Inspection Section is a cooperative effort by the US Department of Agriculture and the Colorado Department of Agriculture to assure consumers of high quality Colorado produce. The program operates under federal standards, rules and regulations to provide official inspection, grading, and certification of produce quality, condition, size and other pertinent factors of fresh fruits and vegetables grown in the state. Inspection certificates are issued by the State to certify grade and condition of the product at the time of inspection.

Mandatory produce inspection is required by statute to promote quality standards. Non-mandatory inspections are conducted on other commodities for shippers who wish to market an inspected product.

This year, the section has inspected an estimated 20,793,379 hundredweight (cwt.) of potatoes, and issued approximately 35,666 mandatory inspection certificates. Staff inspected 500,931 cwt. of other fruits and vegetables and issued 461 non-mandatory inspection certificates.

Division of Animal Industry

Wayne Cunningham, DVM, Acting Director

The Division of Animal Industry is responsible for animal health and disease control activities in Colorado. The division works in close cooperation with the livestock industry and veterinary medical organizations, as well as other state and federal agencies, to protect the health, welfare, and marketability of Colorado livestock. The division is composed of five different sections: livestock disease, Bureau of Animal Protection, Rocky Mountain Regional Animal Health Lab, rodent control and pet care. The division has 19 employees.

Livestock Disease Section

Dr. Wayne Cunningham, Section Chief

The Livestock Disease Section is responsible for monitoring and controlling contagious infectious diseases in livestock and captive alternative livestock. The staff concentrates on diseases that are a threat to public health, are not easily controlled by individual livestock owners, and would significantly impact the more than \$3 billion livestock economy in Colorado. Disease surveillance programs at slaughter plants and at livestock concentration points are conducted in cooperation with the US Department of Agriculture. The division controls diseases through inspections, vaccinations, treatments and other activities.

The division assisted the Colorado Livestock Association and Colorado Cattlemen's Association in the implementation of a beef quality assurance program to assist producers in providing a safe and excellent product to all customers. Good management practices including handling of feed, correct animal medication procedures, record keeping, sanitation of facilities and more have been developed for distribution. Following producer education and certification, an audit process is being developed to check the certified facilities. Division personnel secured federal funds to assist with the program development and provided assistance in developing educational seminars. They continue to provide input on the audit team.

This year, the section, with the industry, took strong preventative measures to protect Colorado's domesticated deer and elk populations from chronic wasting disease, a nervous system disease causing holes in the brain. The Colorado Department of Agriculture continues to require that all domesticated deer and elk producers to submit samples from any sick or dying deer

or elk to Colorado State University for lab analysis to determine if that animal tests positive for chronic wasting disease (CWD). To date, there have been two positive cases. On small herd of ten elk were depopulated and indemnified as result of a bull elk being diagnosed positive for chronic wasting disease. The second herd with a positive CWD case is under quarantine and will be under a herd plan to control the disease.

The Colorado Division of Wildlife (DOW) is proactively trying experimental methods to control CWD in the free-roaming cervidae. One method that is being implemented this fall is significant population reduction in the highest CWD prevalence game management units. The section is working with the DOW to encourage agriculture landowners to cooperate with the experimental effort. The section examines all resident domesticated herd inventories, making sure that free-roaming deer or elk are not incorporated. All deer and elk with CWD in other states have been quarantined and cannot be transported into Colorado. All resident and imported domesticated deer and elk are tattooed, tested for other diseases, then tagged with an official USDA tag. Again, any animal testing positive is not allowed in the state. The department also requires all domesticated deer and elk to have health certificates and entry permits to track their movement.

The section formed a livestock emergency preparedness team to develop standard operating procedures in the event of a livestock emergency. The team includes representatives from the Department of Clinical Sciences at Colorado State University; epidemiology at Colorado State University; United States Department of Agriculture; Large Animal Commission for the Colorado Veterinary Medical Association; and the Colorado Department of Agriculture. The emergency preparedness program will be integrated into the Colorado State Emergency Plan. The section also created a livestock emergency contact database and plans to put that database on the web. During the year, the Colorado Cooperative Extension joined the livestock emergency effort, and they have been instrumental in identifying the county emergency committees and asking that both a local veterinarian and extension agent be included on their committee. Further, they have been identifying animal carcass burial locations throughout the state, as well as defining other methods of disposal where environmental conditions are not acceptable for burial. This section is developing an emergency response trailer system called VETT. This system will include a van trailer equipped with all the "first responder" equipment required for livestock emergencies, a livestock trailer and livestock panels, that will provide for animal containment and transportation.

The health regulation changes in the Alternative Livestock Act are now in effect. These amendments, written in cooperation with the alternative livestock industry, allow the importation of domesticated elk or fallow deer into Colorado only from herds with known tuberculosis status. They also change the per head assessment fee to allocate money to an indemnity fund to partially reimburse elk or fallow deer owners if their animals have to be destroyed due to disease.

The scrapie rules are also now in effect, to prevent breeding sheep from scrapie-infected flocks from coming into Colorado. These rules, written in cooperation with The Colorado Wool Growers Association and the Colorado Sheep and Wool Authority, require the owner to certify, on the animals' health certificates that the sheep have not come from a scrapie-infected flock. Health certificates are checked at all public livestock sales. These are the strictest rules to date in the US and several states have expressed interest in modeling their rules after these. New federal scrapie laws, that closely parallel Colorado's scrapie rule, are now ready for implementation. Five scrapie infected flocks and six trace flocks have been identified since the first of 2000. These flocks are under quarantine, but the third eyelid test and genotyping is being used to identify preclinical cases in these flocks, which will allow the sheep producers to more quickly eradicate the disease from their flocks as opposed to mandated depopulation.

This section initiated a Johne's disease advisory committee, which has been successful in resolving most regulatory and producers concerns, and has just adopted a Colorado Voluntary Status Program (CVSP). Increasingly, there has been producer interest for Johne's disease information, management strategies and animal testing. This program will allow producers to address the disease in non-regulatory environment and voluntarily test, control and eradicate the disease from their herds using the CVSP guidelines and protocols.

Colorado has been a brucellosis-free state since January of 1995 and a pseudorabies-free state since April of 1996. Free status in both brucellosis and pseudorabies economically benefits producers because a lower level of testing is required; and livestock is more marketable to other states and countries. The section has established a Johne's disease certification advisory committee to assist with a producer-driven Johne's disease control and eventual eradication certification program.

To assure sanitation for disease control and clear labels, the Livestock Disease Section licenses and inspects establishments which process, handle and/or transport inedible meat products for pet foods.

Bureau of Animal Protection
Dr. John Maulsby, Bureau Chief

In 1999-2000, the 111 commissioned officers working in the Bureau of Animal Protection (BAP) investigated approximately 375 complaints of animal neglect and cruelty across the state. Brand inspectors, sheriff's deputies and cruelty officers from the Colorado Humane Society and Dumb Friends League performed some of these investigations. Mr. Jim Foster, Mr. Frank Gilbert, Mr. Dewey Boyd, Dr. Keith Roehr and Dr. John Maulsby from the State Veterinarian's office also investigated cruelty complaints. The majority of these complaints were resolved with an inspection of the animals and if necessary, recommendations were made along with appropriate monitoring. Legal proceedings were initiated when warranted.

During March of 1999, the BAP was forced to relocate a large group of severely emaciated cattle leased to Mr. Ben Palen. Two ranchers from Texas and two ranchers from the western slope had cattle leased to Palen. The Texas cattlemen suffered a 20% death loss of their mature solid-mouthed cows. The cows were so weak that they could not endure a 30-minute ride. The death loss of calves was 25%. Many of the remaining Texas cows did not show estrus or had delayed estrus because of their extremely thin condition. This was a very difficult situation because the owners lived 800 miles away and were not able to monitor their cattle in person. The Western Slope cattlemen did not experience such a high death loss because they were monitoring their cattle more closely and moved them before they starved to death. Cruelty to Animal Charges were filed against Palen and this case is scheduled in Douglas County Court on July 17, 2000.

During March 2000, Mr. Jim Foster coordinated an investigation into the deaths of two 800lb. steers at a Weld County feedlot. These steers had been killed by two pit bull dogs, which were roaming the countryside. Foster was able to locate the dogs with the assistance of the Weld County Sheriff's Office and their owners euthanized the dogs.

Also during March of 1999, 25 fighting roosters were impounded by the BAP at the request of the Sheridan Police Department. An attempt to obtain a court order to destroy was not initially granted, so Dr. John Maulsby cared for the roosters for over one year. The owner of the roosters fled to Mexico and did not appear for his animal fighting trial. These roosters were eventually destroyed after obtaining a court order.

During the past year Dr. John Maulsby participated in four educational seminars. In June, he spoke to the animal welfare committee of the Colorado Cattlemen's Association in Mt. Crested Butte. In September, he taught at an Equine Cruelty investigation class sponsored by the American Humane Association in Westminster. Also in September, he spoke to the State Code Enforcement Officers Association in Glenwood Springs and in October; he spoke to the sophomore class at the CSU Veterinary School in Ft. Collins on how to recognize animal cruelty.

Finally, during the past year, six abandoned horses were picked up by Dr. Maulsby and rehabilitated to the point where they could be placed in new homes. Three of these horses were signed over to the BAP and three were picked up under the Brand Board's estray law.

Rocky Mountain Regional Animal Health Laboratory (RMRAHL)
Richard Forde, RMRAHL Chief

The Rocky Mountain Regional Animal Health Laboratory (RMRAHL) provides accurate, timely, efficient laboratory services and logistical support to various regulatory programs and veterinary practitioners. The laboratory also provides a means of conducting animal disease diagnosis and surveillance activities that facilitate the movement and marketing of livestock.

In fiscal year 1999-2000, RMRAHL performed approximately 134,000 tests for various livestock diseases. These tests assist in disease surveillance, animal health programs, and the qualification of livestock for intrastate, interstate and international movement. Laboratory personnel train livestock market veterinarians in test procedures and provide confirmatory tests.

Increasing importance is being placed on herd health, emergency preparedness, livestock pre-harvest practices, global trade, zoonotic diseases, and food safety. The RMRAHL is currently positioned to provide laboratory support for these important issues.

The Animal Health Lab has recently added tests for Bovine Virus Diarrhea, Caprine Arthritis-Encephalitis, *E. coli*/Coliform counts, Equine Infectious Anemia, *Neospora caninum*, and Ovine Progressive Pneumonia. RMRAHL's Preharvest Pathogen Reduction Program will be expanded with the addition of *Listeria*, *Salmonella*, and *Campylobacter*. Laboratory services for *Trichomonas foetus* will also be available later this year.

Rodent/Predator Control Section

Mike Threlkeld, Section Chief

According to the latest Colorado Agricultural Statistics *Vertebrate Rodent Infestation Survey*, 5.7 million acres of Colorado farm and ranch land are damaged to some degree by prairie dogs, gophers, and other rodents. The Animal Industry Division's Rodent/Predator Control Section provides options, information, training, services and supplies to private citizens and local, state and federal officials to control vertebrate pests. The section also assists producers in controlling livestock predator losses through cooperative agreements with federal, state and local agencies and associations.

Pet Animal Care Facilities Section

Dr. Keith Roehr, Section Chief

Since early 1995, any person who is operating a pet animal facility that engages in selling, transferring, adopting, breeding, boarding, training, grooming, sheltering or rescuing dogs, cats, birds, rabbits, ferrets, reptiles or fish may need to be licensed with the Colorado Department of Agriculture.

The last year has been very busy. The Pet Animal Care Facilities Act (PACFA) is an industry-initiated program that licenses pet care facilities and establishes a minimum facility requirement for those facilities. The Pet Animal Care Facilities Act gives the Colorado Department of Agriculture the responsibility to inspect, license and discipline all pet care facilities with more than 24 pets. The Pet Animal Care Facilities Section is committed to making sure care facilities meet minimum standards for physical facilities, sanitation, ventilation, lighting, heating, cooling, humidity, space and enclosure requirements; nutrition, humane care, medical treatment; and methods of operation and record keeping. PACFA is funded by license fees.

The Pet Animal Care Facilities Section program went through the sunset review process for the last 12 months. When the PACFA was written, it contained an automatic review after the first five years of operation. This sunset review was directed by the Department of Regulatory Agencies (DORA). The report that DORA generated covered every aspect of the PACFA Program. A few of the noteworthy conclusions were:

- Ninety percent of the license holders either agreed or strongly agreed with the continuation of PACFA. This shows the industry support for the program.
- The number of violations generated from routine inspections has decreased while the number of complaint investigations has increased. This demonstrates an overall improvement in licensed facilities and an increased awareness of the public as to PACFA's ability to respond to complaints about pet facilities.
- DORA has recommended the continuation of PACFA and has suggested the next review to take place in nine years.

The sunset report has been reviewed by the Colorado Legislature, has been passed and will be signed by Governor Owens. We will continue to do our best to administer the PACFA program to create an improvement in licensed facilities while protecting them from those who would might have unrealistic expectations of how the pet animal industry should operate.

The section has closed a few cases that required litigation by the Attorney General's Office. After five years of constant effort to either have the Colorado Animal Refuge animal shelter come into compliance with PACFA or cease operation, owner and operator Mary Port chose to move her facility out of the state.

The section has had two dog breeders who have ceased operation after a considerable effort on the part of our PACFA inspectors and Dr. Keith Roehr. They both relinquished their remaining breeding dogs to our office, one voluntarily and the other by virtue of a court order. The section's position concerning anyone who operates within the pet industry remains the same, do what ever you choose to do but operate within the minimum standards of PACFA with the welfare of the animals as a top concern.

The PACFA program continues to grow. At the end of the 1995 license year we had 950 licensed facilities within the PACFA program. Each year we have seen an increase of approximately 10% of licensed facilities. At the end of the 1999-2000 license year, we had 1325 facilities licensed in the program and have a projected goal of 1500 licensed facilities by March of 2001. The increased number of facilities has come about through the compliance efforts of our inspectors and a growing pet animal industry.

Colorado State Fair

Ed Kruse, Manager

The 1999 Colorado State Fair experienced a wildly successful year in terms of attendance, concert ticket sales, carnival revenue, concessions revenue and commercial booth space rental. A record smashing Junior Livestock Sale, which raised \$268,150 highlighted the 127th Colorado State Fair. All money at the Junior Livestock Sale went directly back to the 105 4-H and Future Farmers of America youth who participated in the Sale, giving many of the youth the opportunity to pursue a college education or participate in future livestock projects.

With more than 800 Colorado buyers attending the 1999 Junior Livestock Sale, State Fair organizers are moving the 2000 Junior Livestock Sale from the Fairgrounds' Livestock Pavilion to its state-of-the-art Event Center. The move to a larger, more accessible facility will accommodate more buyers and allow the Sale's participants to showcase their hard work in front of a larger crowd. Furthermore, the youth livestock events, as they were in 1999, will be concentrated during the Fair's opening week to make exhibiting at the Fair easier by minimizing conflicts with back-to-school activities. This schedule change in 1999 resulted in a sharp increase in the number of youth exhibitors. In fact, the Colorado State Fair 4-H Championship Horse Show set a national record with 2,350 entries - roughly 150 more than the State Fair of Texas, which previously held the record.

The 2000 Colorado State Fair begins August 19 and runs daily through September 4. Included on the long list of on-grounds entertainment options during the Fair are 19 concerts featuring international acts of all musical genres; eight nights of PRCA rodeo; a monster truck show; professional wrestling; pig races; mutton busting; free stage entertainment; a 500-ton sand sculpture; a children's barnyard; and Fiesta Weekend, Sept. 2-3, which is highlighted by Latin music, dance, food, art, a parade, a Mariachi Mass and a "Charreada" or Mexican rodeo.

In addition to the 17-day Colorado State Fair, the State Fairgrounds in Pueblo plays host to summertime events including horse shows, the Rocky Mountain Street Rod Nationals, a national motorcycle rally and graduation ceremonies for Pueblo Community College and the University of Southern Colorado.

Improvements are continually being made to the State Fairgrounds to better serve events and shows throughout the year. Governor Bill Owens recently signed a bill approving funding for construction of an open-sided steel structure enclosing a 65,000-square-foot area over the Fairground's West horse show arena as well as construction of a new horse show office and three new restrooms. State Fair management is optimistic that such improvements will help the State Fairgrounds attract larger and more prestigious events that will help make the Fairgrounds' off-season as active and exciting as the 17 days of the Colorado State Fair.

Check out Colorado's NEW Web site, www.colorado.com, or call 800-COLORADO to get your free Colorado 2000 vacation guide!

HOW TO CONTACT

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INDEX

Acreage:

By cropping practice 7, 9, 11, 13
See also - Specific crops

Annual Report

Colorado Department of Agriculture 211

Apples:

Cash receipts 189
Prices 179, 190
Production 178, 179
Value 178, 179

Barley:

Acreage 8, 19-21, 64-75
Cash receipts 189
County estimates 64-75
District estimates 64-75
Monthly marketing percents 177
Prices 8, 19-21, 190, 191
Production 8, 19-21, 64-75
Stocks 172
Value 8, 19-21
Varieties 175
Yield 8, 19, 64-75

Beans, dry edible:

Acreage 8, 9, 19-21, 118-130
Cash receipts 189
County estimates 118-129
District estimates 118-129
Monthly marketing percents 177
Prices 8, 19-21, 190, 192
Production 8, 9, 19-21, 118-130
Value 8, 19-21
Yield 8, 9, 19-21, 118-130

Beef cattle:

Inventory 197, 198
Prices 190, 193

Bees: 210

Cabbage:

Acreage 181
Cash receipts 189
Prices 181, 190
Production 180, 181
Value 180, 181
Yield 181

Cantaloupe:

Acreage 181
Cash receipts 189
Prices 181, 190
Production 180, 181
Value 180, 181
Yield 181

Carrots:

Acreage 181
Cash receipts 189
Prices 181, 190
Production 180, 181
Value 180, 181
Yield 181

Cash receipts: 189

Cattle and calves:

Calf crop 197, 202
Cash receipts 189, 202
Disposition 202
Inshipments 202
Inventory by class 197, 198
Inventory, state 197, 198, 210
Marketings 202
On feed by class 205
On feed by month 204, 205
Placements by weight group 205
Prices 190, 193
Production 202
Slaughter 202, 203
Value 202, 210

Cheese: 207

Cherries, tart:

Prices 179, 190
Production 178, 179
Value 178, 179

Chickens:

Inventory 197, 208
Hens and pullets 197, 208
Number lost 209
Number sold 209
Prices 190, 208, 209
Value 208, 209

Corn, all: 10, 19-21

Corn, grain:

Acreage 10, 11, 19-21, 46-57
Cash receipts 189
County estimates 46-57
District estimates 46-57
Monthly marketing percents 177
Prices 10, 19-21, 190, 191
Production 10, 11, 19-21
Stocks 173
Value 10, 19-21
Yield 10, 11, 19-21, 46-57

Corn, silage:

- Acreage 14, 19-21, 58-63
- County estimates 58-63
- District estimates 58-63
- Prices 14, 19-21, 190
- Production 14, 19-21, 58-63
- Value 14, 19-21
- Yield 14, 19-21, 58-63

County and district estimates:

- Barley 64-75
- Corn, grain 46-57
- Corn, silage 58-63
- Dry beans 118-129
- Hay crops 136-171
- Oats 76-87
- Potatoes 134
- Sorghum, grain 88-99
- Sugar beets 131-133
- Sunflowers 100-117
- Wheat, spring 34-45
- Wheat, winter 22-33

Cows:

- Beef cow inventory 197, 198
- Milk cow inventory 197, 198, 206
- Number on feed 205
- Prices 190, 193, 194

Cream: 207**Crops:**

- Cash receipts 189
- County estimates 22-171
- District estimates 22-171
- Monthly marketing percents 177
- Planting and harvesting dates 183
- Prices 19-21, 190-192
- Review 18
- Value of production 6-16, 19-21
- See also - Specific crop

Cucumbers:

- Acreage 181
- Cash receipts 189
- Prices 181, 190
- Production 181
- Value 181
- Yield 181

Dairy:

- Cash receipts 189, 207
- Manufactured products 207
- Milk disposition 207
- Milk prices 190, 194, 207
- Milk production 206

Eggs:

- Cash receipts 189
- Prices 190, 209
- Production 209

Expenses, farm production: 188**Farms and land in farms: 5****Farm income: 188****Feedlots: 201****Floriculture: 184, 185, 189****Fruit crops: 178, 179, 183, 189, 190****Government transactions: 188****Grain stocks:**

- Barley 172
- Corn, grain 173
- Hay 174
- Oats 172
- Sorghum 173
- Wheat 172

Hay crops:

- Acreage 12, 13, 19-21, 136-171
- Cash receipts 189
- County estimates 136-171
- District estimates 136-171
- Monthly marketing percents 177
- Prices 12, 19-21, 190, 192
- Production 12, 13, 19-21, 136-171
- Stocks 174
- Value 12, 19-21
- Yield 12, 13, 19-21, 136-171

Hogs and pigs:

- Cash receipts 189, 202
- Disposition 202
- Inventory by class 197, 200
- Inventory, state 197, 200
- Marketings 202
- Pig crop 202
- Prices 190
- Production 202
- Slaughter 202, 203
- Sows farrowed 197
- Value 202, 210

Honey:

- Cash receipts 189
- Prices 210
- Production 210
- Stocks 210

Ice cream: 207

Lambs:

- Inventory 197
- Lamb crop 202
- Marketings 202
- Replacement lambs 197
- Prices 190, 194

Land in farms: 5**Lettuce:**

- Acreage 181
- Cash receipts 189
- Prices 181, 190
- Production 180, 181
- Value 180, 181
- Yield 181

Livestock:

- Cash receipts 189, 202
- Disposition 202
- Inshipments 202
- Inventory by class 197-200
- Operations by specie 5
- Prices 190, 193, 194
- Production and disposition 202
- Review 195, 196
- Slaughter 202, 203
- Value 210
- See also - Individual species

Milk:

- Cash receipts 189, 207
- Disposition 207
- Manufactured products 207
- Prices 190, 194, 207
- Production 206
- Value 207

Monthly marketing percents: 177**Oats:**

- Acreage 8, 9, 19-21, 76-87
- Cash receipts 189
- County estimates 76-87
- District estimates 76-87
- Prices 8, 19-21, 190
- Production 8, 9, 19-21, 76-87
- Stocks 172
- Value 8, 19-21
- Yield 8, 9, 19-21, 76-87

Onions:

- Acreage 182
- Cash receipts 189
- Prices 182, 190
- Production 180, 182
- Value 180, 182
- Yield 182

Peaches:

- Cash receipts 189
- Prices 179, 190
- Production 178, 179
- Value 178, 179

Pears:

- Cash receipts 189
- Prices 179, 190
- Production 178, 179
- Value 178, 179

Potatoes:

- Acreage 15, 19-21, 135
- Cash receipts 189
- County estimates 134, 135
- Disposition 134, 135
- Prices 15, 19-21, 190, 192
- Production 15, 19-21, 134, 135
- Stocks 135
- Value 15, 19-21
- Yield 15, 19-21, 134

Poultry:

- Cash receipts 189
- Inventory 208, 209

Precipitation: 186**Prices received: 190-194****Rye:**

- Acreage 17, 19-21
- Prices 17, 19-21, 190
- Production 17, 19-21
- Yield 17, 19-21
- Value 17, 19-21

Sheep and lambs:

- Cash receipts 189, 202
- Disposition 202
- Inshipments 202
- Inventory by class 197, 199
- Inventory, state 197, 199
- Lamb crop 197, 202
- Market sheep and lambs 197, 199
- Marketings 202
- Number shorn 201
- Prices 190, 194
- Production 202
- Slaughter 202, 203
- Value 202, 210

Slaughter, livestock: 202, 203**Sorghum, all: 10, 19-21**

Sorghum, grain:

Acreage 10, 11, 19-21, 88-99
Cash receipts 189
County estimates 88-99
District estimates 88-99
Prices 10, 19-21, 190, 191
Production 10, 11, 19-21, 88-99
Stocks 173
Value 10, 19-21
Yield 10, 11, 19-21, 88-99

Sorghum, silage:

Acreage 14, 19-21
Prices 14, 19-21, 190
Production 14, 19-21
Value 14, 19-21
Yield 14, 19-21

Spinach:

Acreage 182
Cash receipts 189
Prices 182, 190
Production 180, 182
Value 180, 182
Yield 182

Sugar beets:

Acreage 14, 19-21
Cash receipts 189
County estimates 131-133
District estimates 131-133
Prices 14, 19-21, 190
Production 14, 19-21, 131-133
Value 14, 19-21
Yield 14, 19-21, 131-133

Sunflowers:

Acreage 16, 19-21, 100-117
County estimates 100-117
District estimates 100-117
Prices 16, 19-21, 190
Production 16, 19-21, 100-117
Value 16, 19-21
Yield 16, 19-21, 100-117

Sweet corn:

Acreage 182
Cash receipts 189
Prices 182, 190
Production 180, 182
Value 180, 182
Yield 182

Tomatoes:

Acreage 182
Cash receipts 189
Prices 182, 190
Production 182
Value 182
Yield 182

Trout: 210**Vegetable crops: 180-182, 183, 189, 190****Weather summary: 187****Wheat, all:**

Acreage 6, 7, 19-21
Cash receipts 189
Monthly marketing percents 177
Prices 6, 19-21, 190, 191
Production 6, 7, 19-21
Stocks 172
Value 6, 19-21
Yield 6, 7, 19-21

Wheat, spring:

Acreage 6, 7, 19-21, 34-45
County estimates 34-45
District estimates 34-45
Prices 6, 19-21, 190
Production 6, 7, 19-21, 34-45
Value 6, 19-21
Yield 6, 7, 19-21, 34-45

Wheat, winter:

Acreage 6, 7, 19-21, 22-33
County estimates 22-33
District estimates 22-33
Prices 6, 19-21, 190
Production 6, 7, 19-21, 22-33
Value 6, 19-21
Varieties 175, 176
Yield 6, 7, 19-21, 22-33

Wool:

Cash receipts 189
Prices 190, 201
Production 201
Value 201
Weight per fleece 201

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FIESTA ROAST BEEF WITH TROPICAL FRUIT RELISH

1999 National Beef Cook-off "Best of Beef" Winner

Total Preparation and Cooking Time: 30 minutes

1 package (1½ to 2 pounds) fully-cooked
beef tri-tip roast

2 cans (8 to 8¼ ounces each) tropical fruit
salad in light syrup

1 large orange

2 to 3 teaspoons spicy brown mustard

¼ to ½ teaspoon hot pepper sauce

Salt and pepper

½ cup diced green bell pepper

Orange slices (optional)

1. Remove beef tri-tip roast from package; place in microwave-safe dish. Transfer 3 to 4 tablespoons liquid from package to small sauce pan; set aside. Discard any remaining liquid or reserve for other use. Cover roast and microwave on high 7 to 10 minutes or until heated through. Let stand, covered, 5 minutes.
2. Meanwhile drain fruit salad, reserving 3 tablespoons of the syrup. Cut up any large pieces of fruit; set aside. Grate 1 teaspoon peel from orange; set aside. Cut orange in half. Squeeze juice from ½ orange; peel and chop orange sections from remaining ½.
3. Combine reserved syrup, orange juice, mustard, orange peel, pepper sauce, salt and pepper as desired, in medium bowl; add to beef liquid in saucepan. Set aside. Add reserved fruit, chopped orange and bell pepper to remaining orange juice mixture in bowl; mix well. Cover and refrigerate.
4. Carve roast across the grain into thin slices. Bring mixture in saucepan to a boil; remove from heat.
5. Arrange beef and fruit relish side-by-side on platter. Spoon hot sauce over beef, as desired. Garnish with orange slices, if desired.

American National Cattlemen's Association



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